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Settings

Wi-Fi

Set up Wi-Fi network connections

• Connect to a Wi-Fi network without a password:

Simply tap the Wi-Fi network.

• Connect to a Wi-Fi network with a password:

Tap the Wi-Fi network and enter the password.

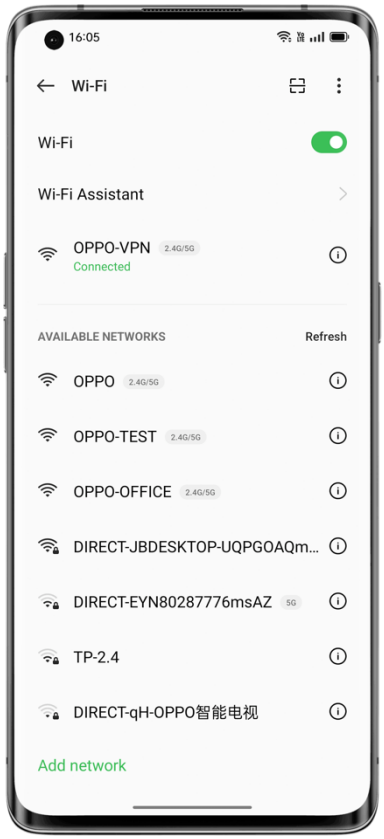
• Connect to a Wi-Fi network with authentication:

Tap the Wi-Fi network and sign in or complete the authentication steps.

• Add a network:

If you do not find the network you want to connect to in the network list, tap "Add network" and enter the network name and password.

Once your device successfully connects to a Wi-Fi network, it will automatically connect to the Wi-Fi network whenever the network is available, without needing you to enter the password again. If you do not want to connect to a Wi-Fi network automatically, tap the icon to the right of the Wi-Fi network and remove it. Check and manage saved networks in "Advanced settings".



Share a Wi-Fi password

To share a Wi-Fi account and password with another phone, open the Wi-Fi details page and tap "Scan QR code" to display a QR code. On the other phone, go to the "Wi-Fi" page and tap

the button in the upper right corner to scan the QR code. The phone will automatically connect to the Wi-Fi network.

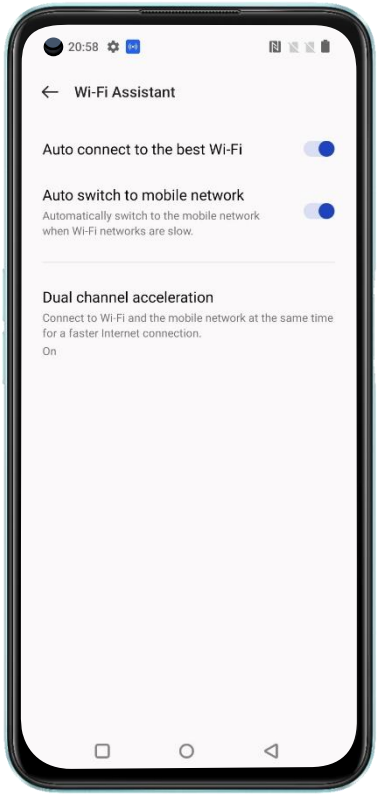
Wi-Fi Assistant

Use Wi-Fi Assistant when your Wi-Fi signal is unstable.

Turn on "Auto connect to the best Wi-Fi". Your phone will monitor the quality of the Wi-Fi networks and automatically connect to the best network.

You can also turn on "Auto switch to mobile network". When all current Wi-Fi networks are slow and your mobile data is enabled, your phone will automatically switch to the mobile network.

Path: Settings - Wi-Fi - Wi-Fi Assistant - Auto connect to the best Wi-Fi.


20:58
Wi-Fi Assistant
Auto connect to the best Wi-Fi
Auto switch to mobile network
Automatically switch to the mobile network when Wi-Fi networks are slow.
Dual channel acceleration
Connect to Wi-Fi and the mobile network at the same time for a faster Internet connection.
On

Dual channel acceleration

Dual channel acceleration uses both mobile data and Wi-Fi for smoother and faster Internet access.

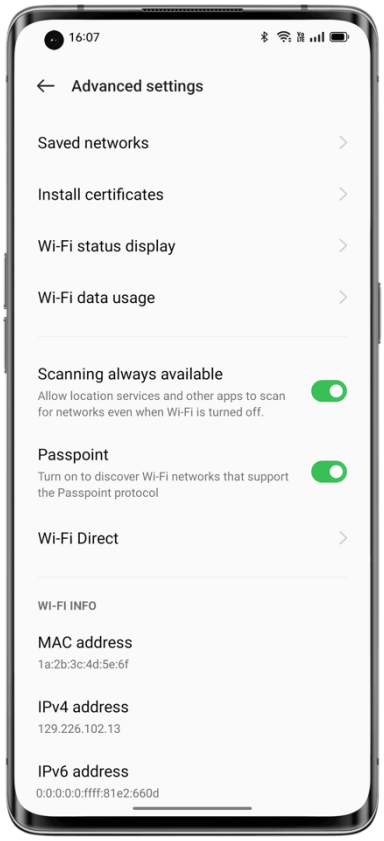
Apps that support dual channel acceleration are displayed on the page.

Path: Settings - Wi-Fi - Wi-Fi Assistant - Dual channel acceleration.

Passpoint Wi-Fi Direct

OS12 comes preinstalled with a Passpoint certificate, which allows direct connections with hundreds of branded Wi-Fi networks. Discovering and connecting to networks are automatic and do not require a password. Wi-Fi encryption and two-way authentication between your phone and the server also ensure connection security and prevent information leakage.

Path: Settings - Wi-Fi - Advanced settings - Passpoint.



Saved networks

Show previously connected Wi-Fi networks

Install certificates

Browse files in other apps (recent files)

Wi-Fi status display

Turn on or off the Bandwidth label, the number will be presented. Adjusting Wi-Fi status display will not affect Wi-Fi functionality.

Wi-Fi data usage

You can view your Wi-Fi data usage here, including the total data usage and the data usage of different apps.

Wi-Fi Direct

Wi-Fi INFO

Show the MAC address and IP address

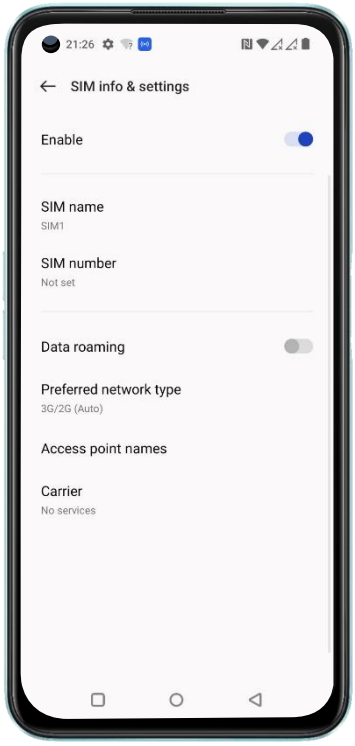
Mobile network

SIM

SIM info & settings

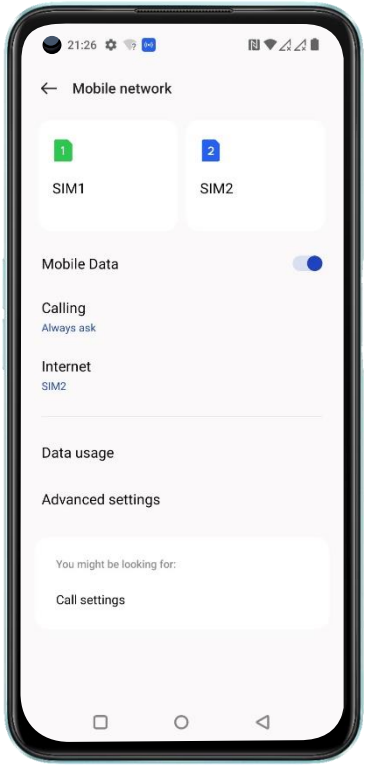
Check your SIM info & settings in "Settings - Mobile network – SIM- SIM info & settings"

You can manage to enable, SIM name, data roaming, preferred network type, access point name, also you can find your SIM number, carrier info



Mobile Data

You can manage to use mobile data or not



Calling

Manage calling option for SIM

Internet

Manage internet usage for SIM

Data usage

Data usage limit

Check your mobile data usage in "Settings - Mobile network - Data usage- Data usage limit", and set a time to start monitoring your mobile data usage as needed.

To keep track of your daily mobile data usage, set a mobile data usage limit. When your mobile data usage reaches the limit, your phone will send you a notification.

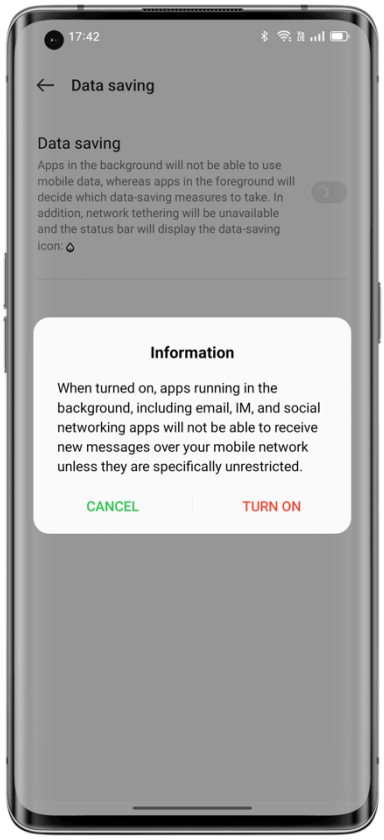
Data saving

When data saving mode is turned on, apps in the background will not be able to use mobile data, whereas apps in the foreground will decide which data-saving measures to take, for example, reducing the image resolution. In addition, network tethering will be unavailable and the status bar will display the data-saving icon.

You can also set specific apps to be excluded from mobile data usage restrictions.

Path:

Settings - Mobile network - Data usage - Data saving.


17:42
Data saving
Data saving
Apps in the background will not be able to use mobile data, whereas apps in the foreground will decide which data-saving measures to take. In addition, network tethering will be unavailable and the status bar will display the data-saving icon:
Information
When turned on, apps running in the background, including email, IM, and social networking apps will not be able to receive new messages over your mobile network unless they are specifically unrestricted.
CANCEL
TURN ON

Network access

Path: Settings - Mobile network - Data usage – Network access.

Manage network access for apps: Wi-Fi & mobile data, Wi-Fi, Mobile data, Disable network

Advanced settings

Path: Settings - Mobile network - Advanced settings.

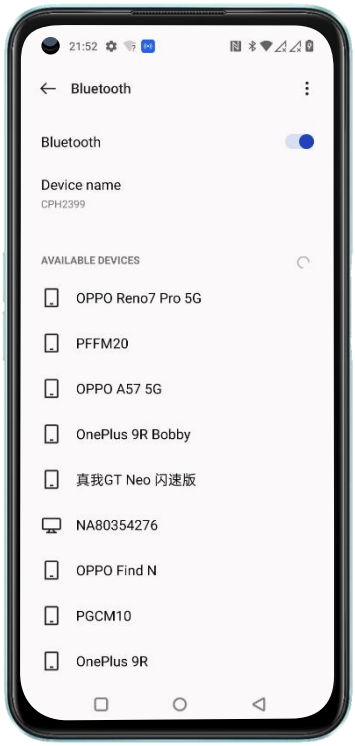
Use mobile data during calls, when you are on a VoLTE call using the secondary data SIM, also use it to access the mobile network.

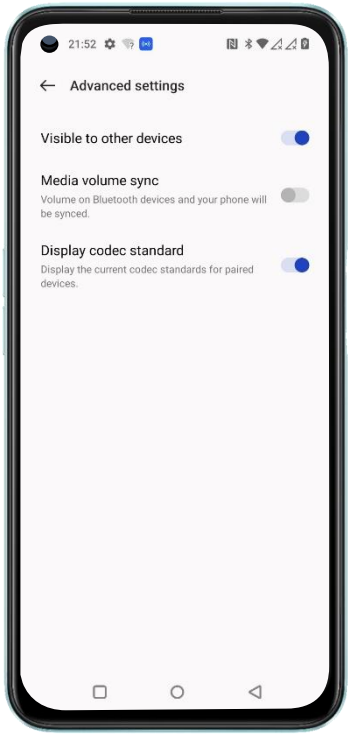
Bluetooth

Bluetooth
Path: Go to Settings - Bluetooth
Bluetooth lets you connect to Bluetooth-enabled devices such as headsets and keyboards. Select the device you want to connect from the list of available devices, and enter the pairing code to complete pairing.
* When your Bluetooth device is turned on but cannot be found, check the device's manual and follow the instructions to switch the device to pairing mode to connect.

Device name
Manage your device name of the Bluetooth.

Advanced settings
Visible to other devices: you must make sure that the option Visible to Other Devices is turned on so that others can find and pair with your devices.
Media volume sync: When the option is turned on, volume on Bluetooth devices and your phone will be synced.
Display codec standard: Display the current codec standards for paired devices.




21:52
Advanced settings
Visible to other devices
Media volume sync
Volume on Bluetooth devices and your phone will be synced.
Display codec standard
Display the current codec standards for paired devices.

Connection & sharing

Airplane mode

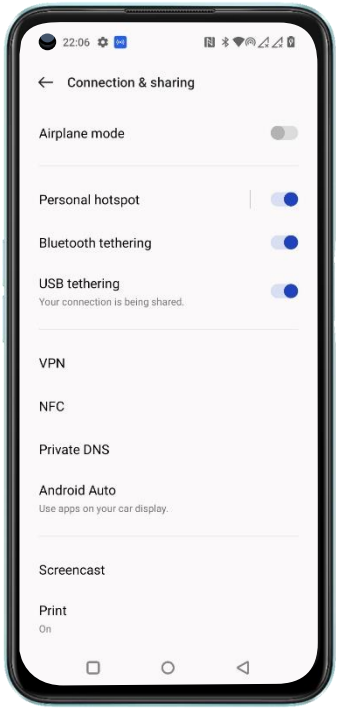
After switching your device to airplane mode, you will not be able to dial, but you can read, play games, watch videos, or use other applications that don’t require network or phone connections.

Personal hotspot

Go to "Settings - Connection & sharing - Personal hotspot", and turn on "Personal hotspot".
Nearby devices can then discover your personal hotspot. Note: Sharing a personal hotspot may consume more data and battery. Your personal hotspot will be turned off automatically when it is not connected to any device for 10 minutes.
Tap "Personal hotspot" to set a name and password to improve security.
In "Connection management", you can block devices, set the maximum number of connections, and limit the mobile data usage.

Bluetooth tethering

You can share your network with other devices via Bluetooth.
For example, to share your ONEPLUS 's network connection with an "ONEPLUS" phone, pair the devices via Bluetooth.
Turn on Bluetooth in "Settings" and pair with the target device.
Then go to "Settings - Connection & sharing" and turn on "Bluetooth tethering".
On the "ONEPLUS" phone, open the "Bluetooth" page and tap the paired device name. The "ONEPLUS" phone can then use the ONEPLUS 's network connection.
To stop sharing, go to "Settings - Connection & sharing" and turn off "Bluetooth tethering".
Alternatively, go to "Settings - Bluetooth", tap the paired device, and turn off "Internet Access".



USB tethering

Connect your phone to a PC with a data cable and go to "Settings - Connection & sharing".
Turn on "USB tethering". The PC will automatically identify and use your phone's mobile data.

VPN

A virtual private network (VPN) creates a private network over a public network. It allows you to access intranet resources easily, securely, and remotely over the Internet, whether you are away on a business trip or working at home.

To add a VPN, go to "Settings - Connection & sharing - VPN", tap "+", and enter information such as the VPN name, type, and server address.

NFC

NFC

Near-field communication (NFC) enables contactless exchange of data over short distances.

Go to "Settings - Connection & sharing - NFC" and turn on "NFC".

You can then use contactless payment and Android Beam to pay or transfer data.

Tap & pay

Go to Settings > Connection & sharing> NFC > switch on NFC > Tap & pay

After the default payment app is set, you can make payment by tapping the back of your phone on a device with a payment logo, for example, a POS machine, subway gate, transportation payment terminal.

*Before using the Tap and pay, you need to set up the default payment app, open the payment service in the app, and set the tap and pay feature with the following settings options:

Payment default: Choose an app, such as Google pay, to use when making a payment by tapping the payment terminal.

Use default: You can set as Always and Except when another payment app is open.

Private DNS

Private DNS is a mechanism to achieve encrypted transfer. Once connected it helps to enhance network security. However, it may also lead to network latency and connection failure. Please pay attention to your network connection after selecting “Designated Private DNS”.

Android Auto

Allow you to use apps on your car screen.

Screencast

Go to "Settings - Connection & sharing" and turn on "Screencast".

You can then display your phone's content on a large screen. Make sure your phone and the large screen device are connected to the same network or the wireless display feature is enabled on the large screen device.

Printing

Go to "Settings - Connection & sharing - Print".

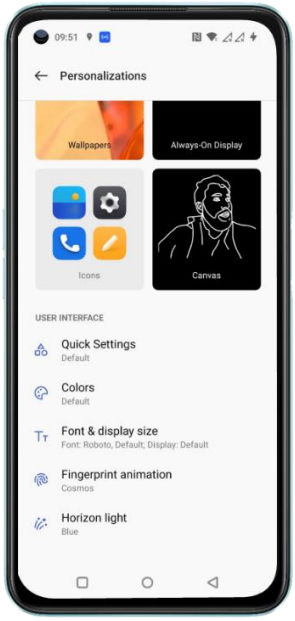
Choose a printing service in the pop-up window, for example, printing documents, images, emails, or web pages on your phone.

Quick device connect

Discover and connect to your nearby devices quickly

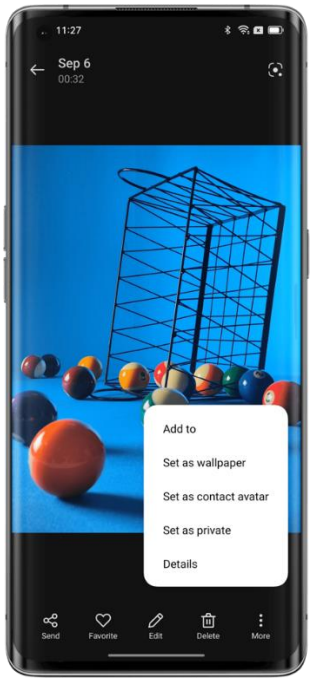
Personalizations

Go to "Settings - Personalizations " to customize your phone.
You can change the Wallpapers, ICONS, Quick Settings , Colors, Font & display size , and more to personalize your phone.



Wallpapers

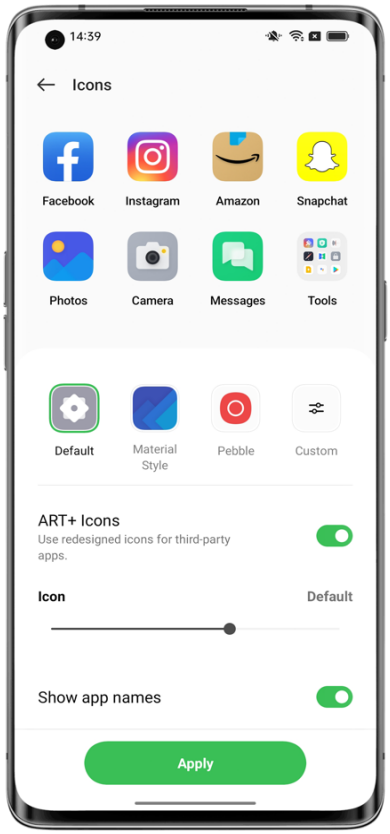
You can use the wallpaper provided by OnePlus, or you can use a personal photo as your wallpaper. You can use it as your home screen wallpaper, lock screen wallpaper, or both.
You can also use a photo from Photos as a wallpaper.
Open Photos or File Manager, open the photo, and tap "More - Set as wallpaper".



Icons

You can choose to use material style icons, pebble style icons, custom ART+ icons, or a third-party icon package, and resize the icons as you like. You can also resize the text underneath the icons or even hide the text to make your home screen simpler. Are you ready to create your own home screen style? Start with the icons!

Path: Tap and hold a blank space on the home screen (or zoom in on the home screen with two fingers) and tap an icon.



The system is compatible with third-party icon packages. After you install a third-party icon package, the icon style will be displayed to the right of the default style.

Path: Tap and hold a blank space on the home screen (or zoom in on the home screen with two fingers) and tap an icon.

Always-On Display

*Some models do not support this function

Including Display options and Display settings that you could customize your phone.

Display options: Select options to customize your phone

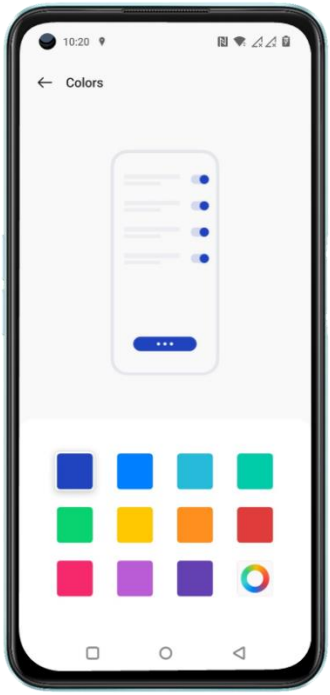
Display settings

You can set WHAT TO SHOW:

- Info
- Contextual info
- Show fingerprint icon.
- Display message.
- New notifications.
- Horizon light

Featured: With few feature can be selected
Text clock, Analog clock, Digital clock: Select clock types to customize your phone

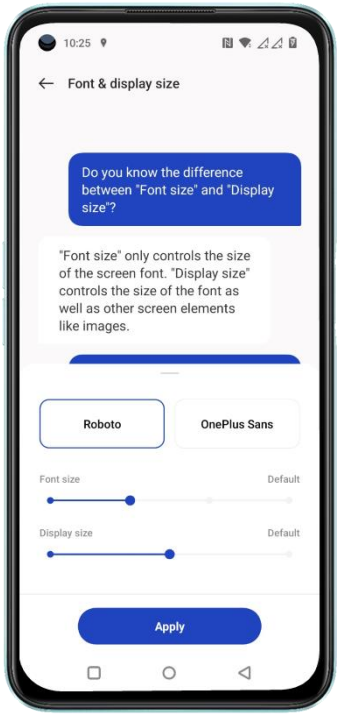
Canvas
Select album to set canvas
*Some models do not support this function
Quick Settings
Select shape for system Icon
Colors
Change your desired theme colors with a single tap to make the UI more in tune with your personality and preferences. Quick Settings, switch buttons, radio controls, and page icons will all switch to your chosen color. Path: Settings - Personalizations - Colors.



Font & display size

You can change font size and display size here, 2 kinds of font available, Roboto, OnePlus Sans。

Path: Settings - Personalizations - Font & display size


10:25
Font & display size
Do you know the difference between "Font size" and "Display size"?
"Font size" only controls the size of the screen font. "Display size" controls the size of the font as well as other screen elements like images.
Roboto
OnePlus Sans
Font size
Default
Display size
Default
Apply

Fingerprint animation

Add a fingerprint so the icon will be displayed when the screen is off and there are seven different fingerprint animation effects that you can select.

*Only available for fingerprint under display.

Horizon light

There are 3 kinds of colors available, including Blue, Red, Gold.

*Some models do not support this function

Home Screen & Lock Screen

Go to "Settings - Home Screen & Lock Screen " to customize your phone. Also you can long press the blank space on the home screen and select MORE to enter it.

Home Screen Mode

Select Standard mode or Drawer mode.

Home screen layout

Adjust the number of desktop layout.

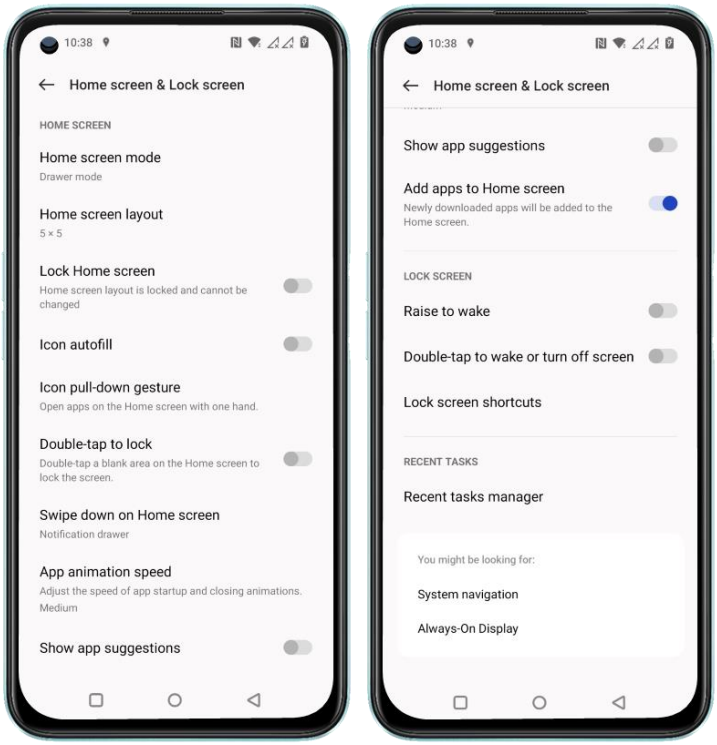
Lock Home Screen

When enabled, Home screen layout is locked and cannot be changed.

Icon autofill

App icon will autofill.

Icon pull-down gesture
Open apps on the home screen with one hand.
Double tap to lock
Double tap on the blank area of the Home screen to turn the screen off and lock the device.
Swipe down on home screen
Chose to notification drawer or Global search.
App animation speed
Adjust the speed of app startup and closing animations.
Show app suggestions
When enabled, phone will show app suggestions.
Add apps to Home Screen
When enabled, newly download apps will be added to the home sreen.
Raise to wake
When enabled, phone will raise to wake.
Double-tap to wake or turn off screen
When enabled, phone will support double-tap to wake or turn off screen.
Lock screen shortcuts
Swipe on the shortcuts at bottom of the Lock screen to open app or feature.
Recent tasks manager


10:38
Home screen & Lock screen
HOME SCREEN
Home screen mode
Drawer mode
Home screen layout
5 × 5
Lock Home screen
Home screen layout is locked and cannot be changed
Icon autofill
Icon pull-down gesture
Open apps on the Home screen with one hand.
Double-tap to lock
Double-tap a blank area on the Home screen to lock the screen.
Swipe down on Home screen
Notification drawer
App animation speed
Adjust the speed of app startup and closing animations.
Medium
Show app suggestions
10:38
Home screen & Lock screen
Show app suggestions
Add apps to Home screen
Newly downloaded apps will be added to the Home screen.
LOCK SCREEN
Raise to wake
Double-tap to wake or turn off screen
Lock screen shortcuts
RECENT TASKS
Recent tasks manager
You might be looking for:
System navigation
Always-On Display

Display & brightness

Go to "Settings - Display & brightness" to customize your phone
There are two modes here, including Light mode and Dark mode.

Dark mode

Dark mode is auto backlit so you can always comfortably look at the screen, no matter the time of day. In Dark mode, your phone uses less battery power and lasts longer.

To turn on Dark mode:

Go to "Settings - Display & brightness" and turn on "Dark mode".

Auto switch

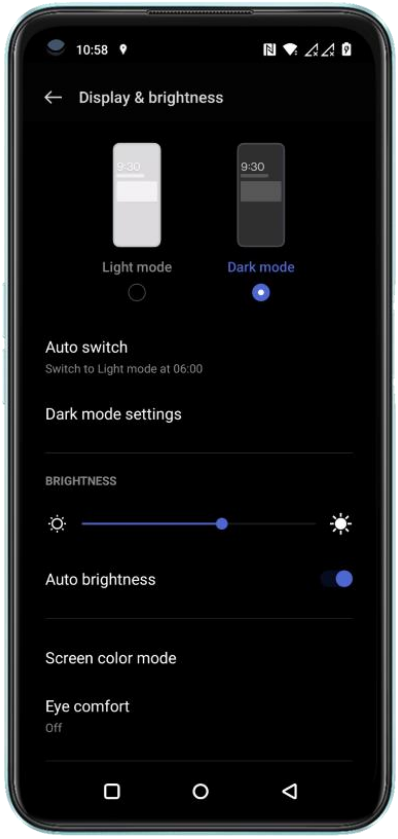
Dark mode can remain on at all times or you can set a schedule.

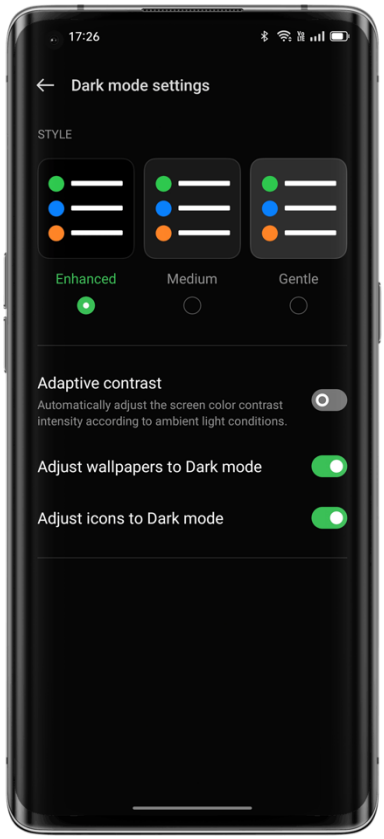
Go to "Settings - Display & brightness - Auto switch" and choose "Sunset to sunrise". Dark mode will then automatically turn on at sunset and off at sunrise. If you choose "Custom", you can specify the Dark mode on and off times.

Dark mode settings

Phone provides three Dark mode styles for you to choose from: Gentle, Medium, and Enhanced, which support an adaptive contrast ratio. You can make custom adjusting wallpapers or icons to Dark mode.

Path: Settings - Display & brightness - Dark mode - Dark mode settings.





Brightness

Adjust brightness manually

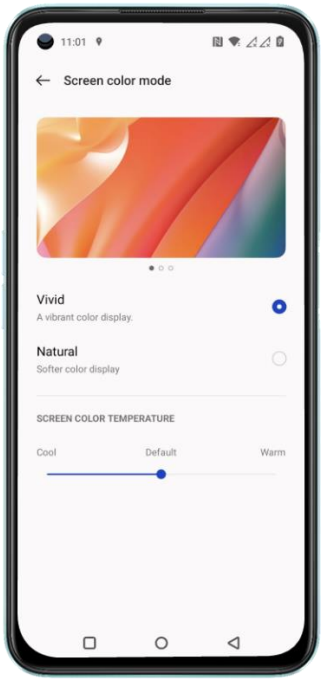
Auto Brightness

When enabled, the phone will optimize the screen brightness setting according to ambient light conditions. You can also manually adjust the slider bar below to set your preferences.

Screen color mode

There are several different modes here.

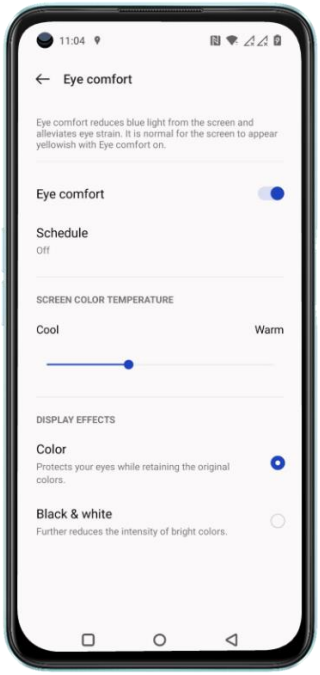
1. Vivid mode: A vibrant color display
2. Natural mode: Softer color display.
3. Screen color temperatures: Cool, default, Warm



Eye Comfort

You can set the Color effect and Black and white effect to fit more reading scenario. Black and white effect is for purely words and Color is for comfortable color reading.

Eye comfort reduces blue light from the screen and alleviates eye strain. It is normal for the screen to appear yellowish with eye comfort on.


11:04
Eye comfort
Eye comfort reduces blue light from the screen and alleviates eye strain. It is normal for the screen to appear yellowish with Eye comfort on.
Eye comfort
Schedule
Off
SCREEN COLOR TEMPERATURE
Cool
Warm
DISPLAY EFFECTS
Color
Protects your eyes while retaining the original colors.
Black & white
Further reduces the intensity of bright colors.

Video color boost

*Some models do not support this function

AI scene-recognition technology provides optimal color enhancement effects for your videos. This will increase battery usage.

Auto-rotate

Auto screen rotation rotates the screen automatically when you rotate your phone between portrait and landscape, for example, to send messages and watch videos.

Paths:

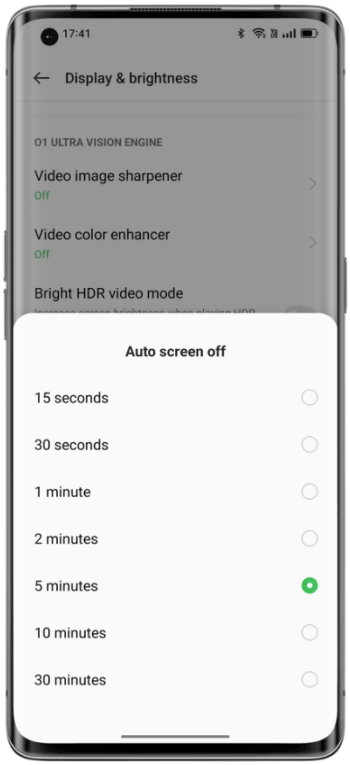
Swipe down from the top of the screen to open Quick Settings, and turn on Auto-rotate icon.

Go to "Settings - Display & brightness" and turn on "Auto rotate".

Auto Screen off

When your phone is not used, the screen will automatically turn off to save power and protect your privacy and security. Set the auto screen-off time based on your usage habits.

Path: Settings - Display & brightness - Auto screen off.

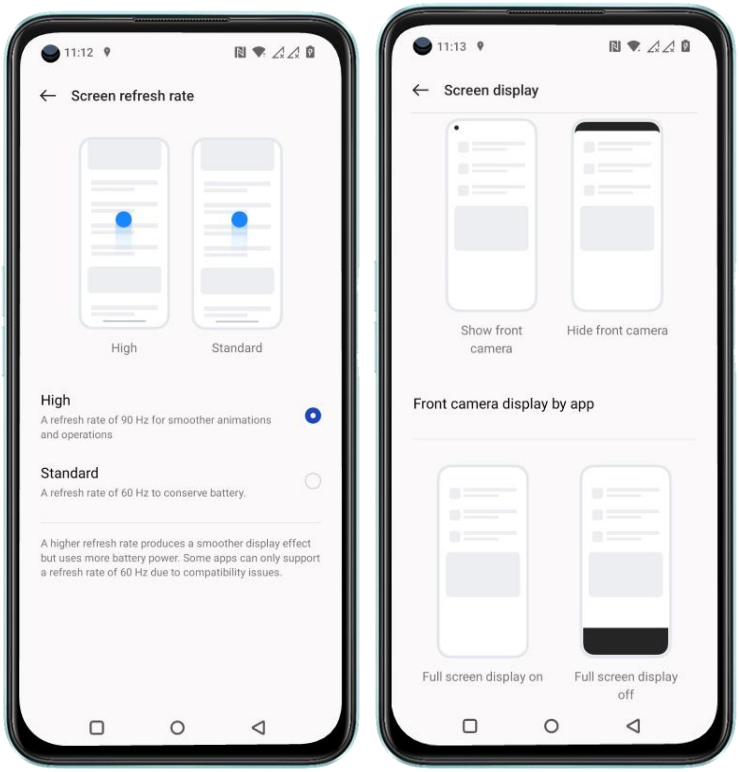


Screen refresh rate

A higher refresh rate produces a smoother display effect but uses more battery power.

Screen display

Front camera display by app and full screen display by app


11:12
Screen refresh rate
High
Standard
High
A refresh rate of 90 Hz for smoother animations and operations
Standard
A refresh rate of 60 Hz to conserve battery.
A higher refresh rate produces a smoother display effect but uses more battery power. Some apps can only support a refresh rate of 60 Hz due to compatibility issues.
11:13
Screen display
Show front camera
Hide front camera
Front camera display by app
Full screen display on
Full screen display off

Sound & Vibration

Go to Settings > Sound & Vibration to change the sound settings on your device.

Live Caption

Automatically caption speech.

Do Not Disturb

If you don't want to be disturbed at a certain time (for example, during a meeting or while sleeping), turn on Do Not Disturb to silence calls, reminders, and notifications that you receive.

Do Not Disturb

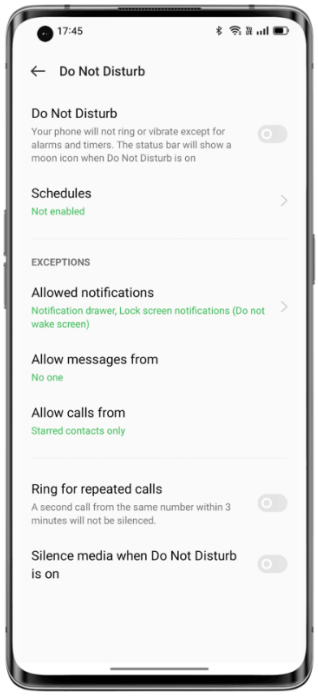
Path: Settings - Sound & vibration - Do Not Disturb.

In Do Not Disturb mode, incoming calls, reminders, and notifications will be silenced, except for calls from certain people, alarms, and timers. A crescent moon icon will appear in the status bar.

You can turn on Do Not Disturb manually or set a schedule. You can also set exceptions. Tap "Schedules" to specify the time to turn on Do Not Disturb and to set exceptions.

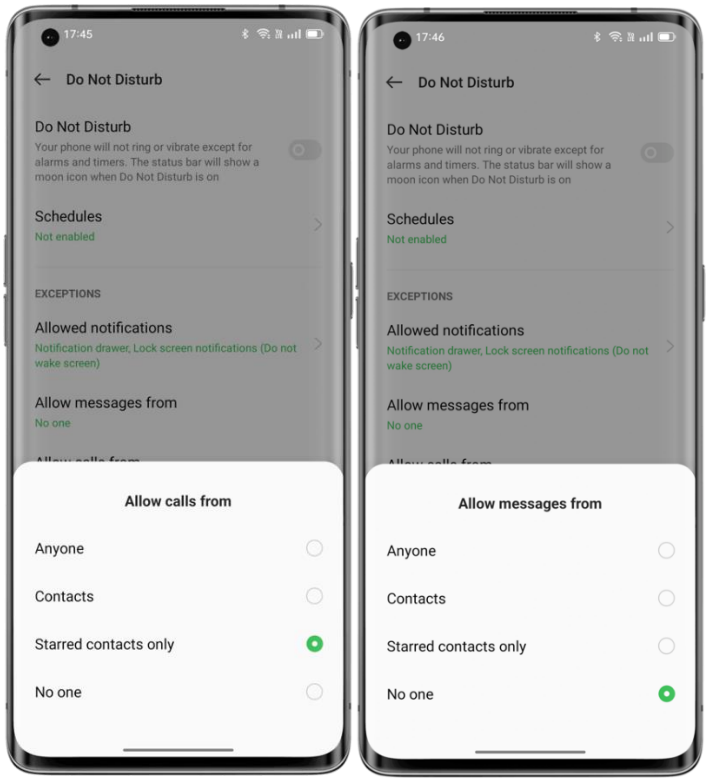
Schedules

For example, you can schedule Do Not Disturb to automatically turn on at 23:00 every night from Monday to Friday and off at 8:00 the next morning.


17:45
Do Not Disturb
Do Not Disturb
Your phone will not ring or vibrate except for alarms and timers. The status bar will show a moon icon when Do Not Disturb is on
Schedules
Not enabled
EXCEPTIONS
Allowed notifications
Notification drawer, Lock screen notifications (Do not wake screen)
Allow messages from
No one
Allow calls from
Starred contacts only
Ring for repeated calls
A second call from the same number within 3 minutes will not be silenced.
Silence media when Do Not Disturb is on

Exceptions

Allow certain messages, incoming calls, and notifications in Do Not Disturb mode. If you turn on "Ring for repeated calls", a second call from the same number within 3 minutes will not be silenced.



Volume

Media

Adjust the slider to set the volume for playing music, video and more.

Ringtone

Adjust the slider to set the ringtone volume for phone calls and other notifications.

Notifications

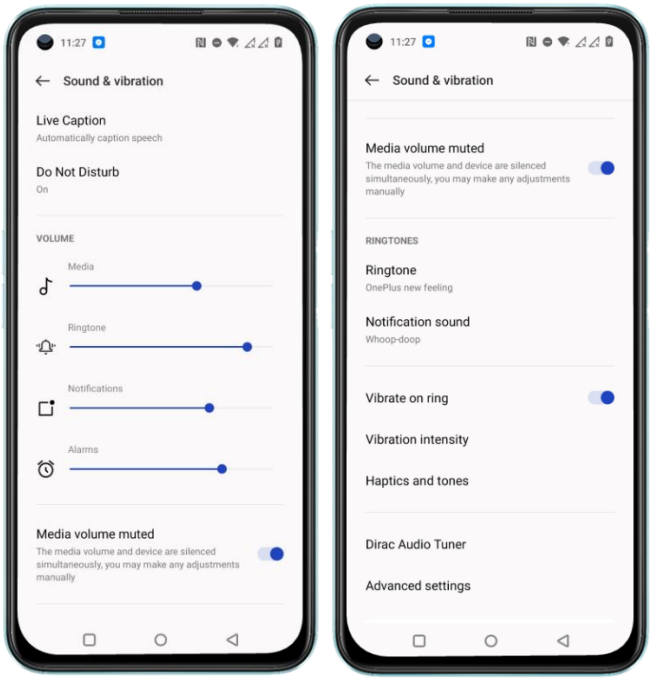
Adjust the slider to set the notification volume for phone calls and other media notifications.

Alarms

Adjust the slider to set the ringtone volume for alarms.

Media volume muted

The media volume and device are silenced simultaneously, you may make any adjustments manually.



Ringtone

Set the ringtone and vibration for incoming phone calls.

Notification sound

Set the Tone tunes and alert tunes for other notifications.

Vibrate on ring

Vibrate on ring (on/off)

Vibrate intensity

For “Vibrate on ring" and "Notification vibration”

Haptics and tones

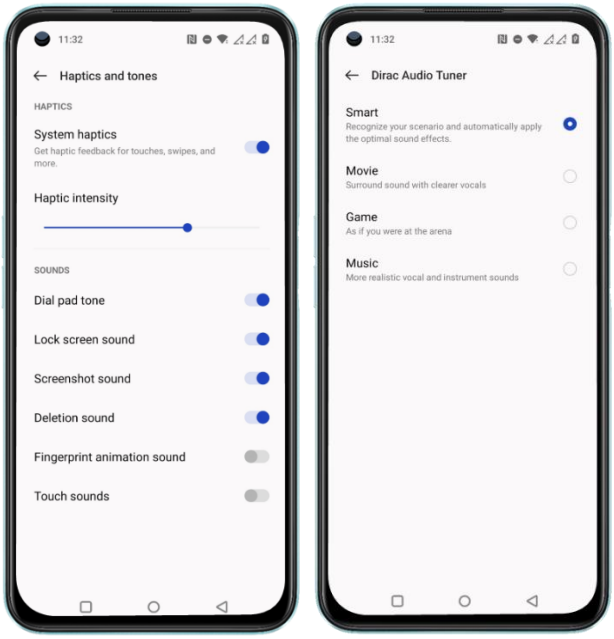
System haptics: Get haptic feedback for touches, swipes, and more.

Haptic intensity

SOUNDS: If you need to turn off the system sound, you can do so here.

Dial pad tone
Lock screen sound
Screenshot sound
Deletion sound
Fingerprint animation sound
Touch sounds

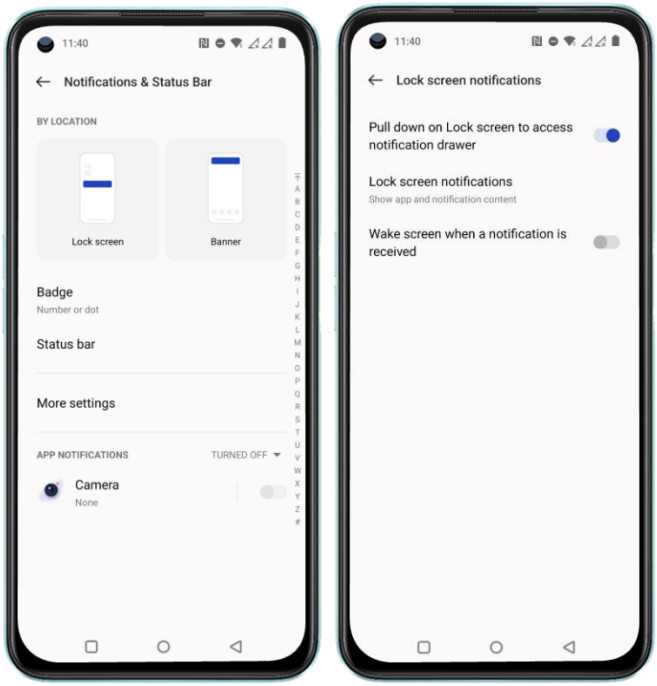
Dirac audio tuner
Smart, movie, game, music



Advanced settings
Volume button function: Sound & vibration> Advanced settings> Volume button function.
When you press the volume adjustment button, the selected option will change accordingly.
You can choose media volume or ringtone volume based on your preference
Default recorder: Auto select/Add-on.

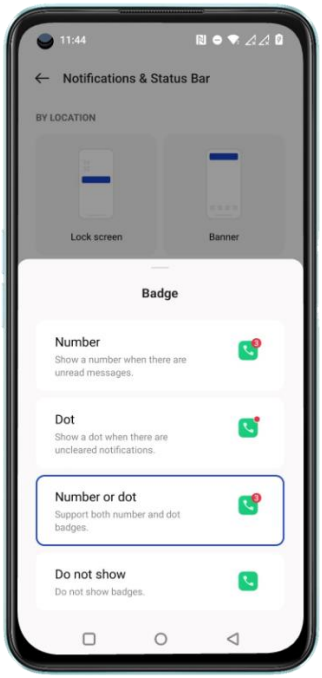
Notifications & status bar

If you want to receive relevant system notifications, you can manage notifications here.
Lock screen. Notification Center shows notifications from apps that are allowed to push notifications, allowing you to scroll back and see what you're interested in. To open the Notification Center, unlock your phone and swipe down from the top of the screen.
Lock screen notifications
Pull down on lock screen to access notification drawer
Lock screen notifications: Show app and notification content
Wake screen when a notification is received



Banner
Show banner notifications on fullscreen.

Badge
Number: Show a number when there are unread messages
Dot: Show a dot when there are uncleared notifications
Number or dot: Support both number and dot badges
Do not show: Do not show badges



Status bar

The status bar is displayed at the top of the screen.
Path: Settings - Notifications & status bar - Status bar.
You can set the style of the battery and time, battery percentage, display Real-time network speed, time and manage icons in the status bar.

Notification icons

You can change notifications icons status here, “Show icon”, “Show number”, and “Do not show”.

Battery style

Vertical, loop, do not show

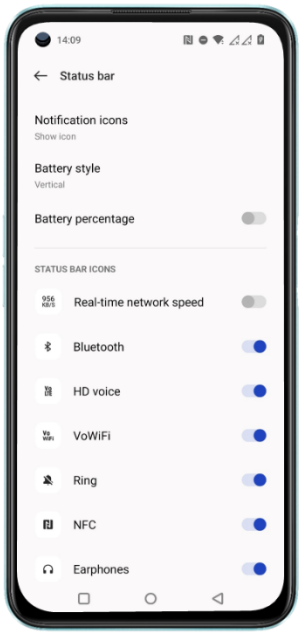
Battery percentage

Enable to show battery percentage

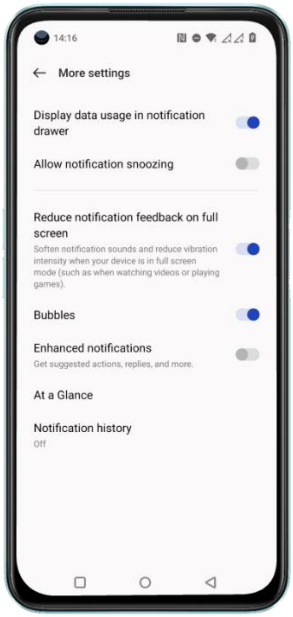
Status bar icons

Status bar icons are displayed on the status bar at the top of the screen. The icons listed in the table below are the most common ones.

- Real-time network speed.
- Bluetooth
- HD voice
- VoWiFi
- Ring
- NFC
- Earphones
- Alarm
- Data saving
- High performance mode
- Do Not Disturb
- VPN



More settings
Display data usage in notification drawer
Allow notification snoozing
Reduce notification feedback on full screen: Soften notification sounds and reduce vibration intensity when your device is in full screen mode
Buddles
Enhanced notifications: Get suggested actions, replies, and more
At a glance : Calendar events, reminders, whether
Notification history: Off or on


14:16
More settings
Display data usage in notification drawer
Allow notification snoozing
Reduce notification feedback on full screen
Soften notification sounds and reduce vibration intensity when your device is in full screen mode (such as when watching videos or playing games).
Bubbles
Enhanced notifications
Get suggested actions, replies, and more.
At a Glance
Notification history
Off

APP notifications
Manage your app notifications

Password & security

Go to Settings > Password & Security to set up fingerprints, faces and passwords for your phone

Lock screen Password
Your Lock screen password cannot be retrieved if you forget it and you will no longer be able to unlock your phone or view phone data. Do your best to remember it
Set privacy password
The privacy password will be used for verification in features such as App lock.
Select password type: You can choose different ways to set your lock screen password, including pattern, 4-digits, 4-16 digits and alphanumeric characters.

Fingerprint
You can add/delete fingerprints and set fingerprint preferences through Fingerprint.
Add fingerprint: Follow the on-screen prompts to add your fingerprint.

Add your fingerprint again after replacing the protective film.

- Add only one fingerprint information at a time.
- Press firmly on the fingerprint to ensure your fingerprint data is fully added.

Face

You can add/delete face data and set face unlock preferences through Face.

Add face data: Follow the on-screen prompts to add your face data.

*Do that in a bright environment and ensure that you are facing your phone for the best results.

Face Unlock: Enable this to use face unlock to unlock your phone from the lock screen.

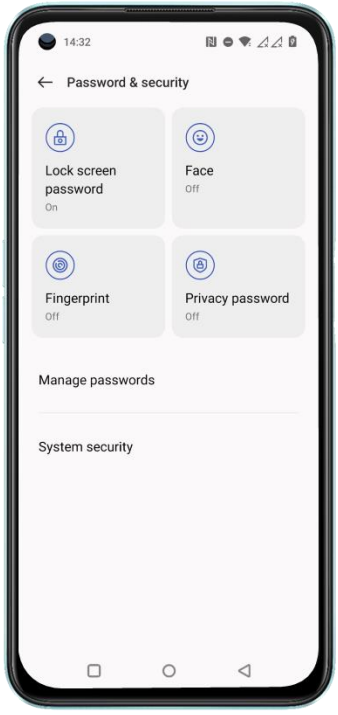
Face unlock assistive lighting: In situation where the camera cannot recognize your face, the screen will light up to help the camera recognize you.

Privacy password

Lockbox and hidden collection have been merged into a new feature called private safe so you can store important data together. Any data stored will be encrypted and restricted from access by third-party apps.

Manage passwords

Manage passwords for third-party apps



System security

Google play protect

Play protect regularly checks your apps and device for harmful behavior. You will be notified of any security risks found

Security update

Find my device

Help you locate your device remotely and keeps your data safe if the device is lost.

SIM card lock

Set card lock to protect your SIM card safety.

Smart lock

Keep your device unlocked when it’s safe with you. Smart lock can do this by recognizing signals like when your device is in your pocket or near your home.

Installation sources

Use to enable to install app from third-party apps

Device admin apps

This feature grants system permissions that pose a greater security risk. Please proceed with caution and only activate if necessary.

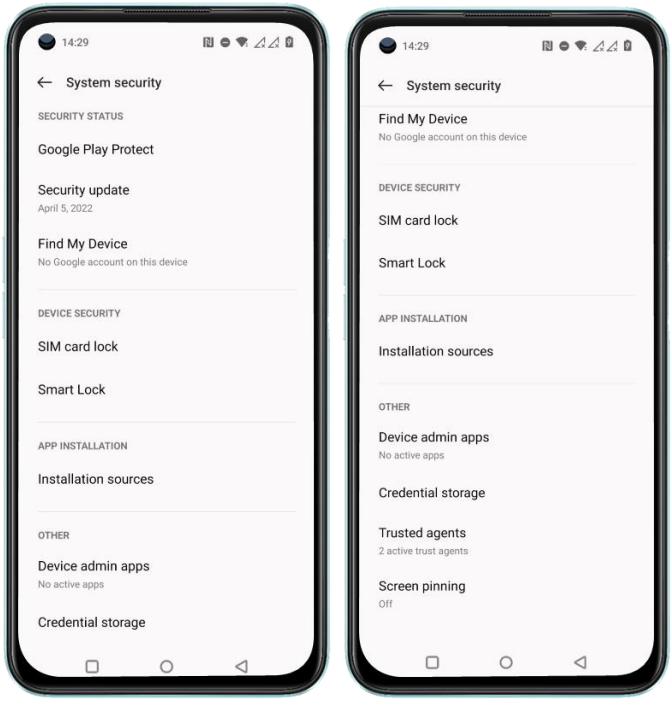
Credential storage

Trusted certificates, user credentials, install certificates from storage, remove all user certificates.

Trust agents

Screen pinning

Screen pinning allows you to lock the screen to a single app and will affect functions such as incoming calls and alarms. Screen pinning is unavailable if ‘navigation gestures’ is turned on.



Privacy

Privacy dashboard

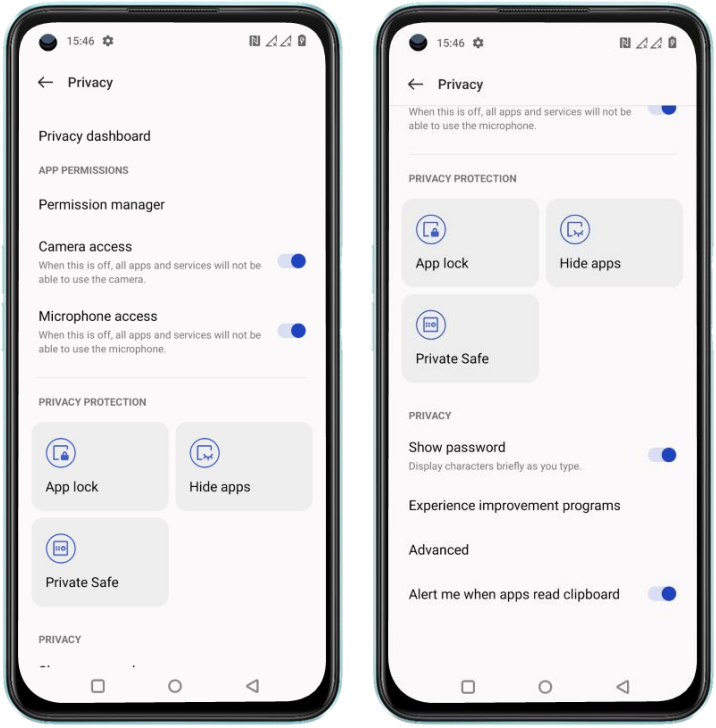
Display the mobile phone permission board

Permission manager

This feature allows you to manage the permissions for each app, such as location, making phone calls, obtaining phone identifiers, reading call logs, etc.
Go to "Settings - Privacy - Permission manager".

Camera access
When this is off, all apps and services will not be able to use the camera.

Microphone access
When this is off, all apps and services will not be able to use the microphone.



Privacy protection
App lock
When App lock is turned on, you need to enter the password to access certain apps. Enabling this feature requires the privacy password.

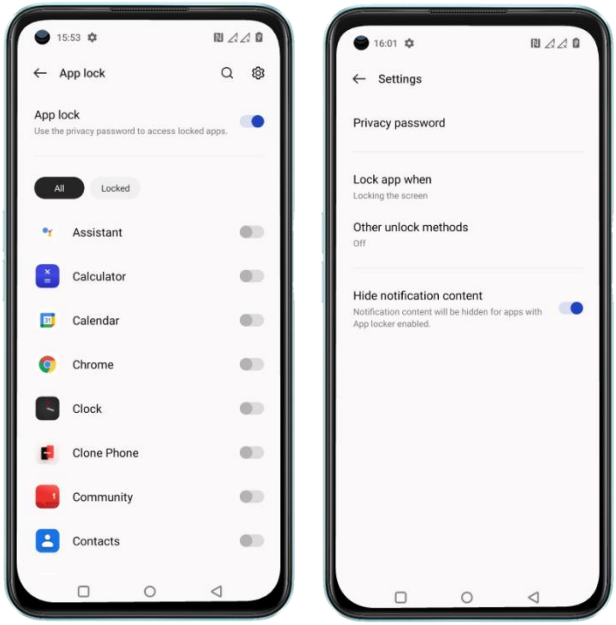
Turn App lock on
- Go to "Settings - Privacy - App lock".
- Enter the privacy password. (Reset your privacy password if you forget it.)
- Select the app you want to lock and turn on App lock.

Access locked apps
- Use the privacy password

You need to enter your privacy password to access locked apps, otherwise you will not be able to access the app.

Turn App lock off
- Go to "Settings - Privacy- App lock".
- Enter the privacy password.

- Turn off App lock for the relevant apps.



Hide apps

Allow users to hide apps through the following steps:

- Go to "Settings - Privacy - Hide apps", and enter your privacy password.
- Select the apps you want to hide.

When you use this feature for the first time, you need to set an access code for it. Please remember the access number. Once configured, enter the access code using the dial pad to open the hidden apps. If you need to change the access code, go to App lock and tap "Settings" in the upper right corner to change it.

Access hidden apps

Enter the access code using the dial pad to access hidden apps. The access code starts and ends with "#" and contains 1 to 16 digits, for example, #0000#.

Private Safe

Private Safe keeps your photos, audio, documents and other types of files secret for you. You can choose which files you want to hide. To access the files in Private Safe, you need to enter the lock screen password or pass the fingerprint or facial recognition. You cannot screenshot within Private Safe.

Add private files

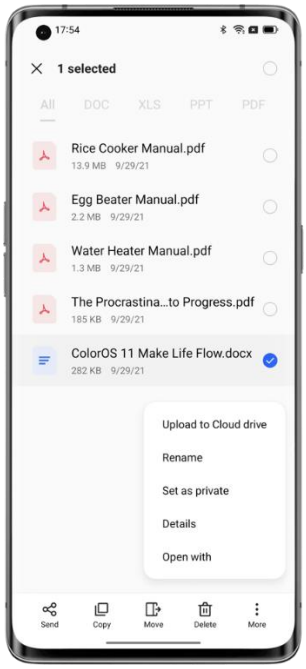
You can add private files via the following approaches.

Private Safe

Go to "Settings - Privacy- Private Safe", enter the password, select the file type you want to encrypt, and add the files.

Encrypt files

Open File Manager and find the files you want to encrypt. Tap and hold the files, tap "More" in the tool bar below, and tap "Set as private".



Encrypt photos

Open Photos and find the photos you want to encrypt. Tap and hold the photos, tap "More" in the tool bar below, and tap "Set as private".

View private files

- Go to "Settings - Privacy - Private Safe"
- Enter the lock screen password or pass the fingerprint or facial recognition to view the encrypted files.

Add Private Safe to the home screen

- Go to "Settings - Privacy- Private Safe", and enter the password.
- Tap "Settings" in the upper right corner and choose "Home screen shortcut". After that, you can add files and view encrypted files through the Private Safe shortcut on the home screen.

Show passwords

Enable this to display characters as you type and briefly convert them to an encrypted asterisk "*".

Experience improvement programs

OnePlus notifications

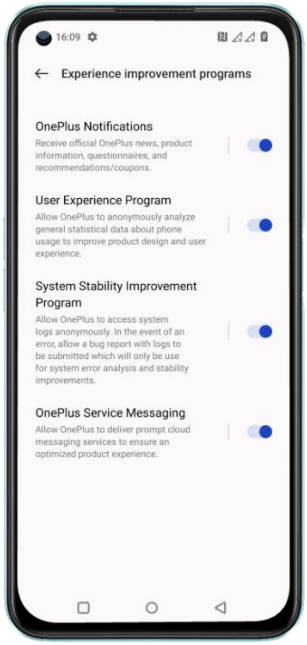
Receive official OnePlus news, product information, questionnaires, and recommendations/coupons.

User Experience Program

Allow OnePlus to anonymously analyze general statistical data about phone usage to improve product design and user experience.

System stability improvement program
Allow OnePlus to access system logs anonymously. In the event of an error, allow a bug report with logs to be submitted which will only be use for system error analysis and stability improvements.

OnePlus Service Messaging
Allow OnePlus to deliver prompt cloud messaging services to ensure an optimized product experience.


16:09
Experience improvement programs
OnePlus Notifications
Receive official OnePlus news, product information, questionnaires, and recommendations/coupons.
User Experience Program
Allow OnePlus to anonymously analyze general statistical data about phone usage to improve product design and user experience.
System Stability Improvement Program
Allow OnePlus to access system logs anonymously. In the event of an error, allow a bug report with logs to be submitted which will only be use for system error analysis and stability improvements.
OnePlus Service Messaging
Allow OnePlus to deliver prompt cloud messaging services to ensure an optimized product experience.

Advanced
Android System Intelligence
Get suggestion based on the people, apps, and content you interact with.

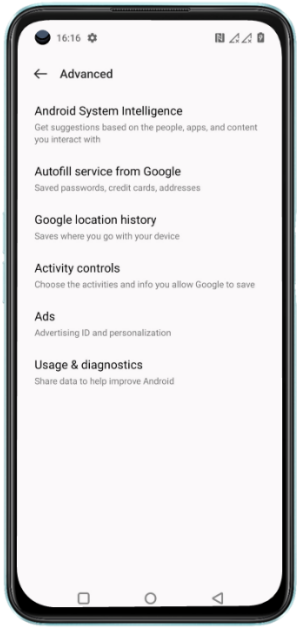
Autofill service from Google
Saved passwords, credit cards, addresses.

Google location history
Saved passwords, credit cards, addresses.

Activity controls
Choose the activities and info you allow Google to save

Ads
Advertising ID and personalization

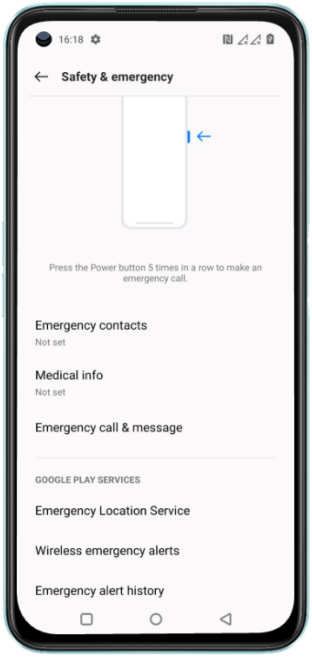
Usage & diagnostic
Share data to help improve Android.


16:16
Advanced
Android System Intelligence
Get suggestions based on the people, apps, and content you interact with
Autofill service from Google
Saved passwords, credit cards, addresses
Google location history
Saves where you go with your device
Activity controls
Choose the activities and info you allow Google to save
Ads
Advertising ID and personalization
Usage & diagnostics
Share data to help improve Android

Alert me when apps read clipboard
Allowing apps to read your clipboard may cause privacy leaks. (Alert me when apps read clipboard: on/off)

Safety & emergency

Make an emergency call
In case of emergency, use your phone to quickly call for help. Press the power button 5 times in a row to make an emergency call, you can quickly call for help and alert your emergency contacts.



Emergency contacts

•Go to "Settings - Safety & emergency - Emergency contacts".

•Tap "Add" and choose a number from your recent calls, groups, or Contacts list.

In an emergency, use the emergency call feature to instantly call your emergency contacts for help

Medical info

•Go to "Settings - Safety & emergency - Medical info".

Add your medical information to give first responders the critical information they need.

Emergency call & message

•Go to "Settings - Safety & emergency - Emergency call & message".

Emergency call quick access

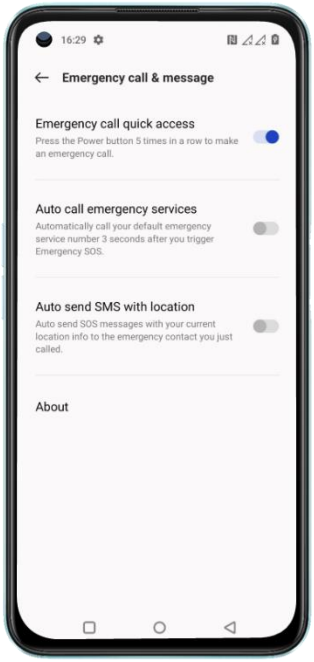
When enabled, press the power button 3 times in a row to make an emergency call.

Auto call emergency services

When enabled, automatically call your default emergency service number 3 seconds after you trigger emergency SOS.

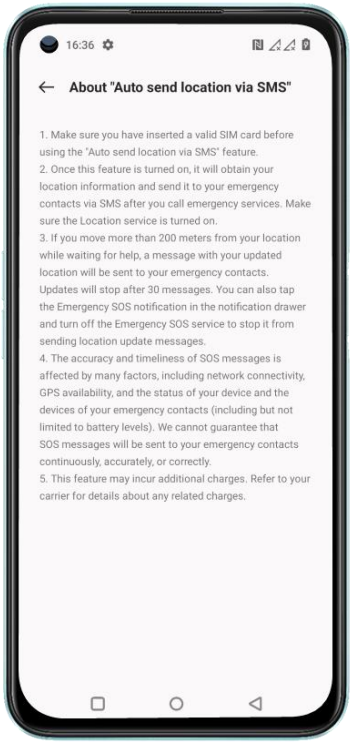
Auto send SMS with location

When enabled, Auto send SOS messages with your current location info to the emergency contact you just called.


16:29
Emergency call & message
Emergency call quick access
Press the Power button 5 times in a row to make an emergency call.
Auto call emergency services
Automatically call your default emergency service number 3 seconds after you trigger Emergency SOS.
Auto send SMS with location
Auto send SOS messages with your current location info to the emergency contact you just called.
About

About

About “auto send location via SMS”


16:36
About "Auto send location via SMS"
1. Make sure you have inserted a valid SIM card before using the "Auto send location via SMS" feature.
2. Once this feature is turned on, it will obtain your location information and send it to your emergency contacts via SMS after you call emergency services. Make sure the Location service is turned on.
3. If you move more than 200 meters from your location while waiting for help, a message with your updated location will be sent to your emergency contacts. Updates will stop after 30 messages. You can also tap the Emergency SOS notification in the notification drawer and turn off the Emergency SOS service to stop it from sending location update messages.
4. The accuracy and timeliness of SOS messages is affected by many factors, including network connectivity, GPS availability, and the status of your device and the devices of your emergency contacts (including but not limited to battery levels). We cannot guarantee that SOS messages will be sent to your emergency contacts continuously, accurately, or correctly.
5. This feature may incur additional charges. Refer to your carrier for details about any related charges.

Emergency Location Service
Send ELS Location

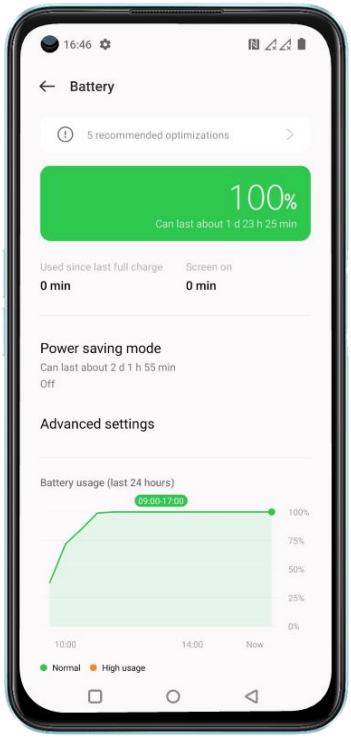
Wireless Emergency alerts
Allow alerts including Alerts options and Alert preferences.

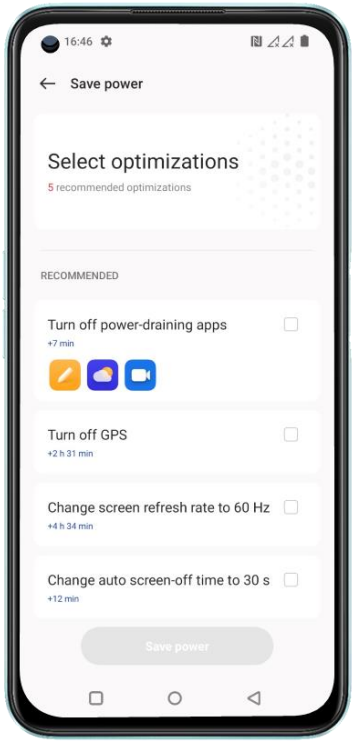
Emergency alert history

Battery

Go to Settings > Battery to view battery details and set battery preferences. OS offers various power-saving strategies for different usage scenarios.

Save power
Some recommend optimizations to save power by turning off some apps.

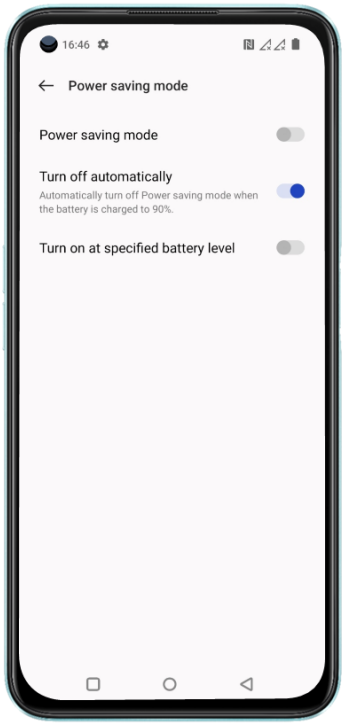




Power saving mode

Enable this to extend battery life. Battery saver will turn off some device features and restrict apps.

You can choose to manually turn it on or select Turn off when fully charged.


16:46
Power saving mode
Power saving mode
Turn off automatically
Automatically turn off Power saving mode when the battery is charged to 90%.
Turn on at specified battery level

Advanced settings

High performance mode

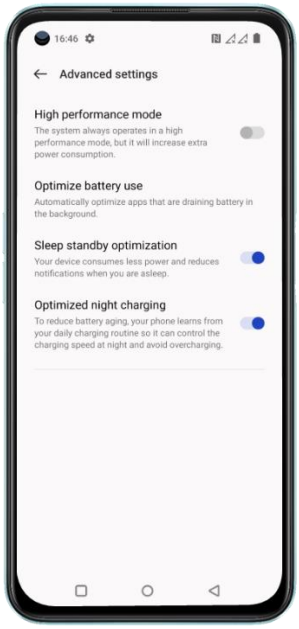
Go to "Settings - Battery - Advanced settings" and turn on "High performance mode".

The system always operates in a high-performance mode, but it will increase extra power consumption.

Optimize battery use
Go to "Settings - Battery - Advanced settings-Optimize battery use".
Automatically optimize apps that are draining battery in background.

Sleep standby optimization
Go to "Settings - Battery - Advanced settings" and turn on "Sleep standby optimization".
Your device consumes less power and reduces notifications when you are asleep.

Optimized night charging
Go to "Settings - Battery - Advanced settings" and turn on "Optimized night charging".
To reduce battery aging, your phone learns from your daily charging routine so it can control the charging speed at night and avoid overcharging.


16:46
Advanced settings
High performance mode
The system always operates in a high performance mode, but it will increase extra power consumption.
Optimize battery use
Automatically optimize apps that are draining battery in the background.
Sleep standby optimization
Your device consumes less power and reduces notifications when you are asleep.
Optimized night charging
To reduce battery aging, your phone learns from your daily charging routine so it can control the charging speed at night and avoid overcharging.

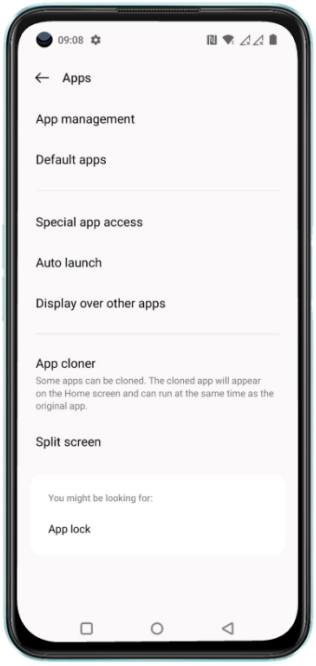
Battery usage
Go to "Settings - Battery - Battery Usage" to view the details of your apps' power usage for today, yesterday, and the day before, how long an app has run in the foreground and background, and how much power it consumes.

Apps

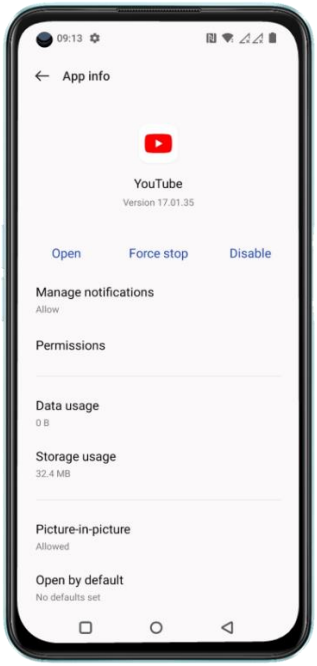
Go to Settings > Apps to manage your device's apps, change their settings, view app info, set notifications and permissions, and more.

App management

You can check out the apps already installed on your phone here.

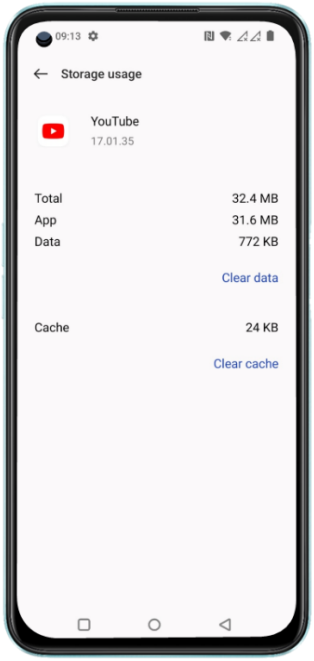

09:08
Apps
App management
Default apps
Special app access
Auto launch
Display over other apps
App cloner
Some apps can be cloned. The cloned app will appear on the Home screen and can run at the same time as the original app.
Split screen
You might be looking for:
App lock

Manage app notifications, permissions, data usage, Storage usage, open by default



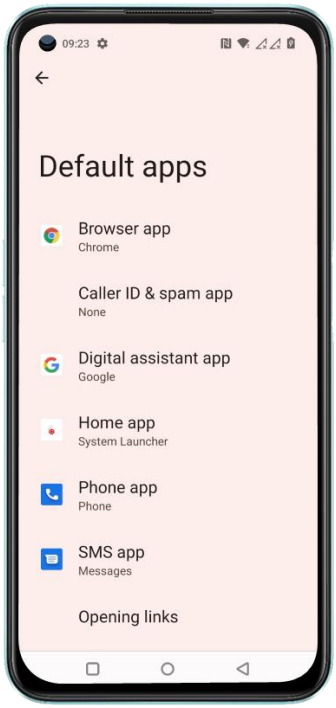
Clear data, clear cache for app

Go to Settings > Apps > App management > App info > Storage usage >Clear data, clear cache



Default apps

Set the default apps for home, browser, phone, SMS, gallery, mail, and more.



Special app access

Modify system settings

This permission allows an app to modify system settings.

Device & app notifications

This permission allows an app to read all notifications, including personal information (such as contact names and the text of messages you receive), dismiss notifications or trigger action

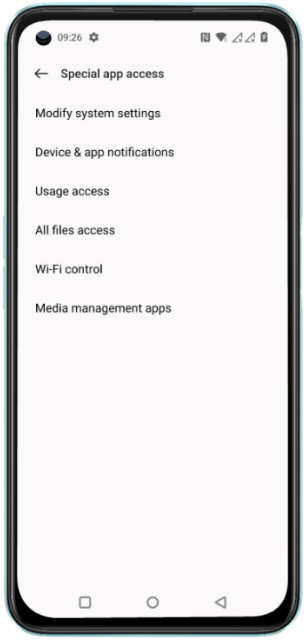
buttons they contain (such as the answer call button), and turn Do Not disturb on or off or change related settings.

Usage access
This permission allows an app to track what other apps you're using and how often, as well as your certain, language settings, and other details.

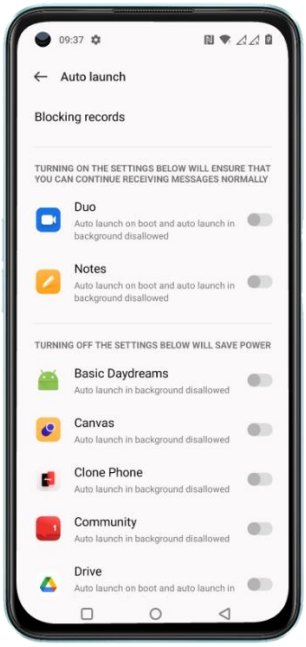
All files access
This permission allows an app to read, modify, and delete all files on this device

Wi-Fi control
This permission allows an app to turn Wi-Fi on or off, scan and connect to Wi-Fi networks, add or remove networks, or create a local-only hotspot.

Media management apps.
If allowed, this app can modify or delete media files created with other apps without asking you .App must have permission to access files and media.



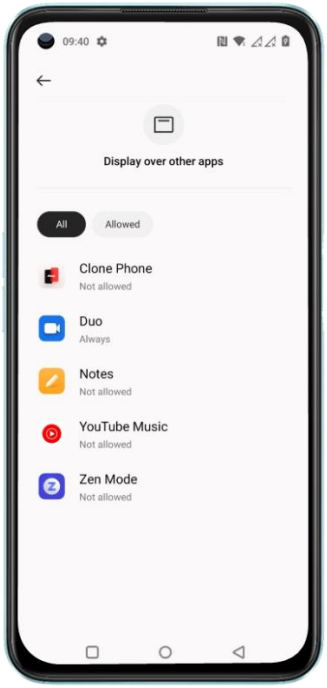
Auto-launch
When this button is off, the settings below will save power. When this button is on, the settings below will ensure that you can continue receiving messages normally.


09:37
Auto launch
Blocking records
TURNING ON THE SETTINGS BELOW WILL ENSURE THAT YOU CAN CONTINUE RECEIVING MESSAGES NORMALLY
Duo
Auto launch on boot and auto launch in background disallowed
Notes
Auto launch on boot and auto launch in background disallowed
TURNING OFF THE SETTINGS BELOW WILL SAVE POWER
Basic Daydreams
Auto launch in background disallowed
Canvas
Auto launch in background disallowed
Clone Phone
Auto launch in background disallowed
Community
Auto launch in background disallowed
Drive
Auto launch on boot and auto launch in

Display over other apps

You can go to Settings > Apps > Display over other apps to view and configure supported apps. When you open the specified application in Display over other apps, the app will create a picture-in-picture window when you open or leave the application (such as continue to watch video), which displays on top of the other apps you are currently using.

* This function needs to be supported by the application itself.

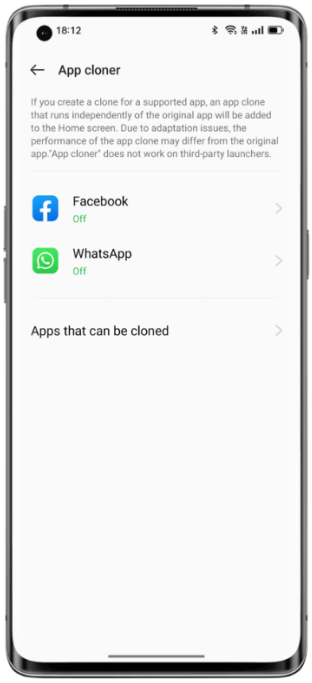


App Cloner

Setting > Apps > App Cloner. The list will show you the applications that supports App cloner. Tap the application to open App cloner.

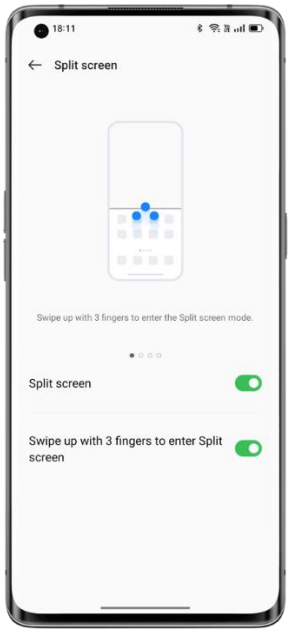
App cloner enables you to effortlessly clone apps for several accounts on your phone. The cloned apps run independently from their original apps and will not interfere with each other.

App cloner is only available for some apps and phones. If it does not work, the app or phone does not support this feature. Data cannot be transferred between a cloned app and a PC. Up to two apps can be cloned at the same time.
Path: Go to "Settings - Apps - App cloner" and choose an app to clone. Apps such as WhatsApp, Facebook Messenger, LINE, Facebook, imo, Instagram, Skype, Telegram, and WeChat can be cloned.


18:12
App cloner
If you create a clone for a supported app, an app clone that runs independently of the original app will be added to the Home screen. Due to adaptation issues, the performance of the app clone may differ from the original app."App cloner" does not work on third-party launchers.
Facebook
Off
WhatsApp
Off
Apps that can be cloned

Spilt screen

Split screen lets you use two apps easily at the same time. For example, you can chat with your friends while watching videos.
Path: Settings - Apps - Split screen.


18:11
Split screen
Swipe up with 3 fingers to enter the Split screen mode.
Split screen
Swipe up with 3 fingers to enter Split screen

To open a supported app in a split-screen window:

- Swipe up with three fingers to enter split screen mode.
- In gesture navigation mode, tap and hold the multitask button.
- In multitask mode, tap the Settings button in the upper right corner of the app.

Resize the split-screen windows
Drag the separating line to adjust the size of the split-screen windows.

Swap the views
You can swap the split-screen apps' positions.
Tap the button in the middle of the separating line, and tap ⇅.

Exit split screen mode
To exit split screen mode:
- Drag the separating line to the top of the screen to close the app in the upper window or to the bottom to close the app in the lower window.
- Tap the button in the middle of the separating line, and tap ×.

Location

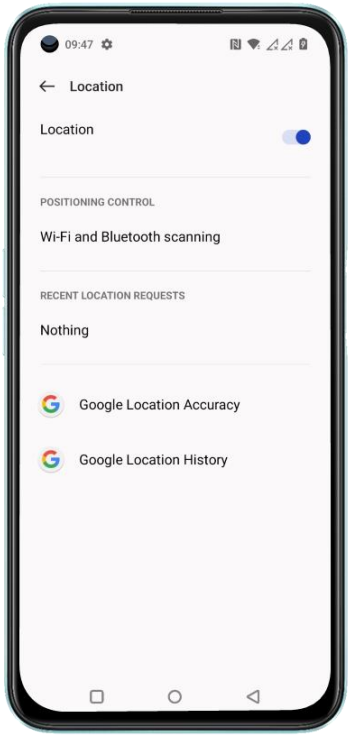
Location
Enable this to allow apps to use location information.
Go to Settings > Location

Wi-Fi and Bluetooth scanning
Allow apps and services to scan for Wi-Fi and nearby devices at any time.
*Location may use sources like GPS, Wi-Fi, mobile networks, and sensors to help estimate your device's location. Google may collect anonymous location data to improve location accuracy and location-based services.

Recent location requests
Allow you to find apps request for location permission

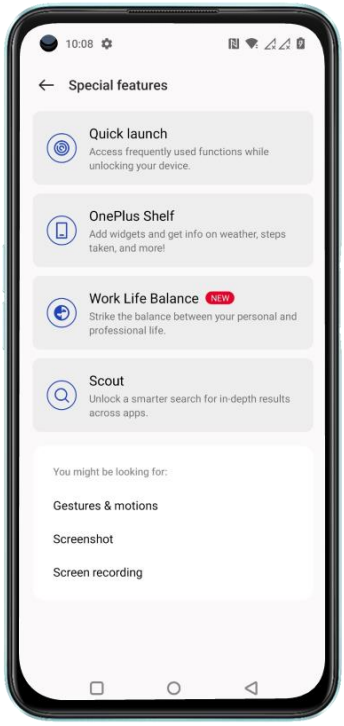
Google location accuracy
Google’s location service improves location accuracy by using Wi-Fi, mobile networks, and sensors to help estimate your location. Google may collect location data periodically and use this data in an anonymous way to improve location accuracy and location-based services.

Google locations history
Allow you to find the history of google location feature used.



Special features

Go to Settings > Special features


10:08
Special features
Quick launch
Access frequently used functions while unlocking your device.
OnePlus Shelf
Add widgets and get info on weather, steps taken, and more!
Work Life Balance
NEW
Strike the balance between your personal and professional life.
Scout
Unlock a smarter search for in-depth results across apps.
You might be looking for:
Gestures & motions
Screenshot
Screen recording

Quick launch

*Supported by some model

Access frequently used functions while unlocking your device.

Touch and hold the fingerprint sensor until icons appear. Without lifting your finger, slide it to an icon and then release to launch the corresponding function or app.
Immediately after unlocking the screen using your fingerprint and before icons appear, quickly slide your finger to the area where the target icon usually appears and release to launch the function or app.

OnePlus Shelf
Add widgets and get info on weather, steps taken, and more.
Launch Shelf from top right corner
Open Shelf by swiping down from the top-right corner

Add new widgets
Select widgets to add to shelf

Custom greeting message
Show custom greeting on Shelf and enter text to change the greeting

Weather information
Show live weather info according to your location
Storage usage
Show consumption of storage used on device

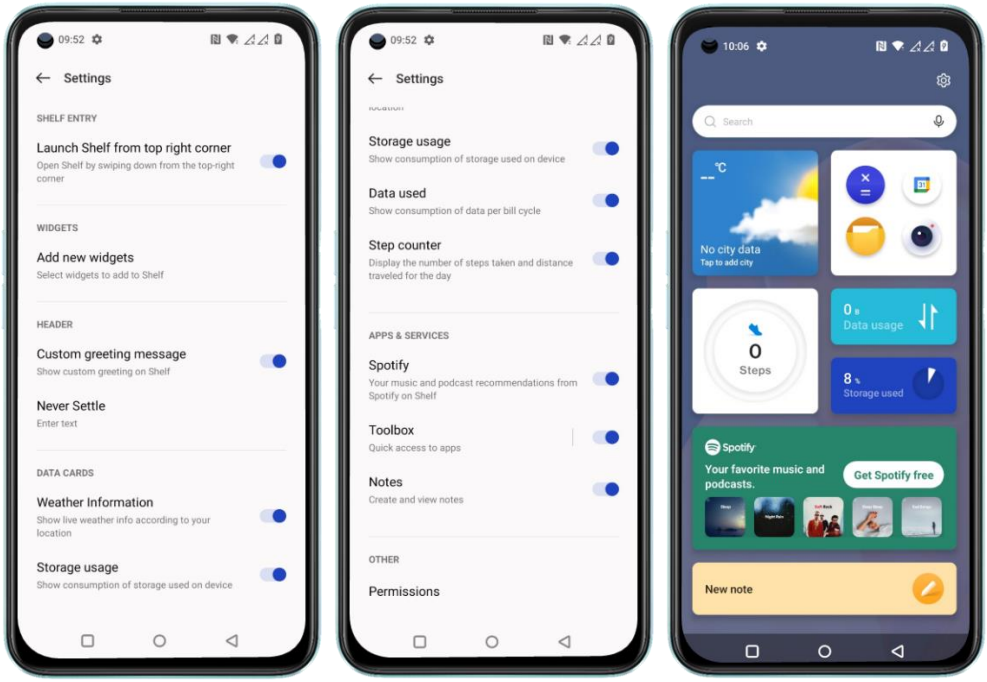
Data used
Show consumption of data per bill cycle

Step counter
Display the number of steps taken and distance traveled for the day

Spotify
Your music and podcast recommendations from Spotify on shelf

Toolbox
Quick access to apps

Notes
Create and view notes



Work Life balance
Strike the balance between your personal and professional life.

Scout
Unlock a smarter search for in-depth results across apps.

Digital Wellbeing & parental controls

Your Digital wellbeing tools
Today: Show today's screen wake up times.
Unlocks: Show today's device unlock times.
Notifications: Show today's notifications received times.

Ways to disconnect
Dashboard
Manage the dashboard by screen time, Notifications received and Apps times opened. Click the icons on the right of the Apps name to set app timer, once ran out, the app will be paused for the rest of the day, it will pop-up a window shows" App paused, your App timer ran out. It'll start again tomorrow".You can click "SETTINGS" on the pop-up window to delete the timer.

Bedtime mode
Use Bedtime mode to disconnect from your phone and avoid interruptions while you sleep. When it starts, Grayscale removes the screen's color, do not disturb mode will mute sounds so you aren't woken up by calls or notifications. When it ends, your phone changes back to its usual settings.

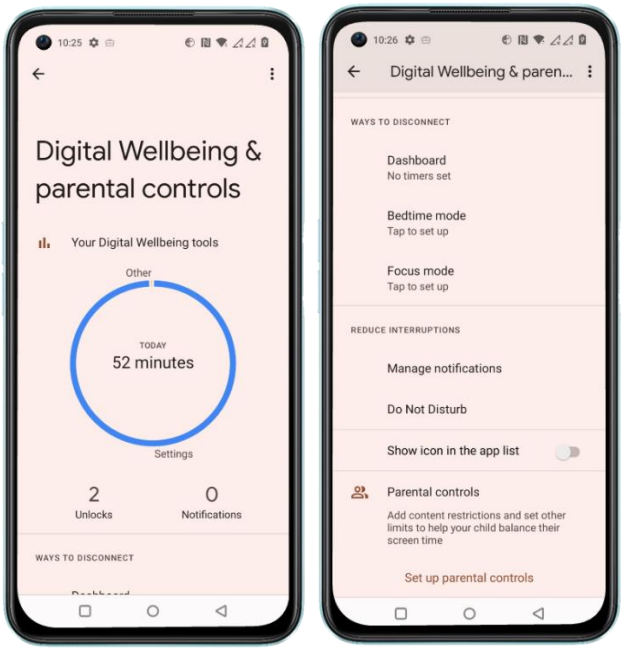
Focus mode
Set to pause distracting apps when you need time to focus.

Reduce interruptions
Manage notifications
Disable or enable app’s notifications.

Do Not Disturb
Please refer Do Not Disturb for settings.

Show icon in the app list (on/off)

Parental controls
Add content restrictions and set other limits to help children balance their screen time.



System settings

Go to Settings > System settings
System Navigation
The device supports two types of navigation
Go to Settings > System settings> System Navigation, choose Gestures or Buttons.

Buttons
When this feature is enabled, a navigation bar is displayed at the bottom of the screen. You can set the button layout based on your usage habits.

Gestures

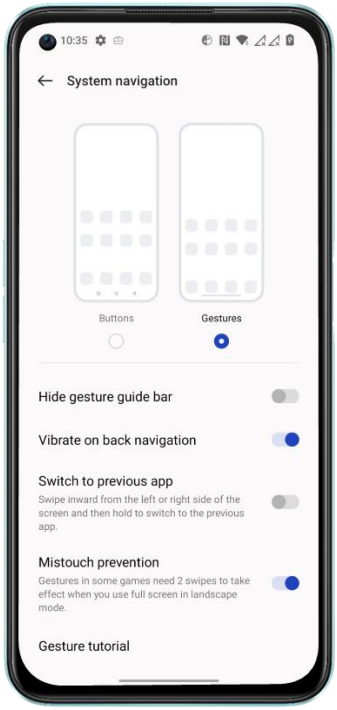
Navigation gestures make a phone in full-screen display even easier to use. Simply swipe up from the bottom of the screen to control your phone and enjoy an immersive experience.

Hide gesture guide bar
Enable to hide gesture guide bar on the center bottom of screen below

Vibrate on back navigation

Switch to previous app
Swipe inward from the left or right side of the screen and then hold to switch to the previous app.

Mistouch prevention
Gestures in some games need 2 swipes to take effect when you use full screen in landscape mode.

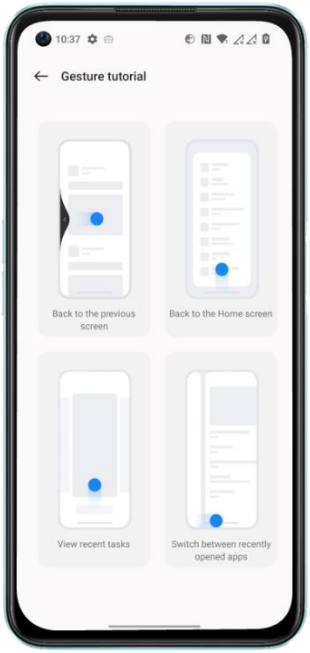

10:35
System navigation
Buttons
Gestures
Hide gesture guide bar
Vibrate on back navigation
Switch to previous app
Swipe inward from the left or right side of the screen and then hold to switch to the previous app.
Mistouch prevention
Gestures in some games need 2 swipes to take effect when you use full screen in landscape mode.
Gesture tutorial

Gesture tutorial
- Go back to the previous screen:

Swipe in from the left or right side of the screen.
- Go back to the home screen:

Swipe up from the bottom of the screen.
- View recent tasks:

Swipe up from the bottom of the screen and hold.



Language

Go to Settings > System settings>Language

Drag a language to the top to make it your default system language. If an app or website does not support this language, the next supported language in the list will be used instead.

Tap ‘Add a language to add language’ to add a language.

Press and drag the selected language to the top of the list to set the language to the system language.

10:58
Language
Drag a language to the top to make it your default system language. If an app or website does not support this language, the next supported language in the list will be used instead.
English (American Samoa) Default
English
简体中文
Simplified Chinese
Add a language

Keyboard & input method

You can set your preferred keyboard here.

Current keyboard

Go to "Settings - System settings - Keyboard & input method" to change the default input method.

Secure keyboard for passwords
Turn on "Secure keyboard for passwords". When you type a password, the security keyboard will be activated automatically to protect your data security.

Available keyboard
Gboard: multilingual typing

Google voice typing: Enable this feature to enable you to enter text by voice.

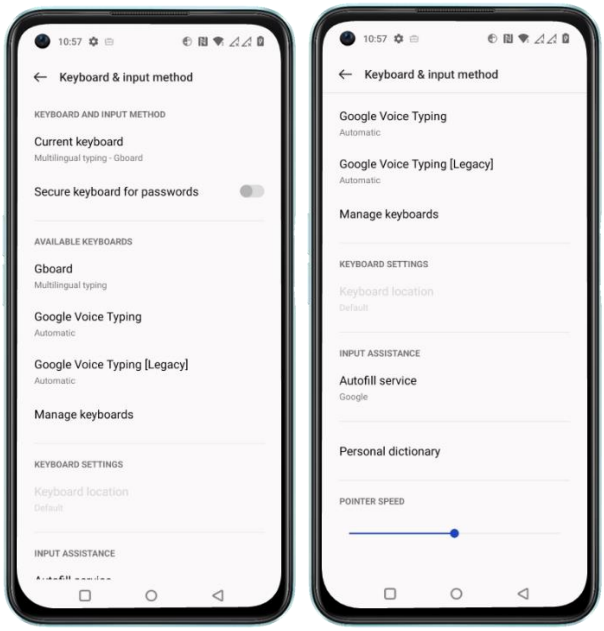
Manage keyboard

Keyboard settings
Keyboard location (default/hide)

Input assistance
Autofill service: Enable this to automatically fill in saved data when you browse the web or enter your account password or in other scenarios. This function will require additional apps to be installed.

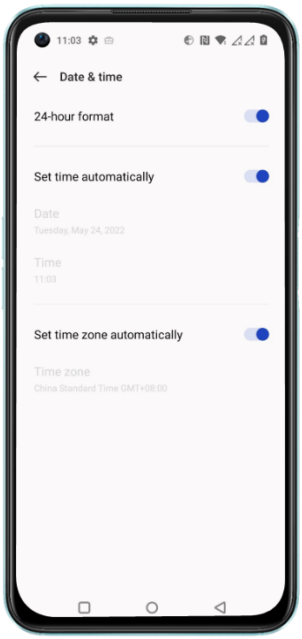
Personal dictionary

Pointer speed



Date & time
24-hour format: Enable this for the system time to be in the 24-hour format or disable it to use the 12-hour format.

Set time automatically
Set time zone automatically



Accessibility

The accessibility is optimized for the operation experience of visually impaired users, so that visually impaired users can use the phone smoothly.

Go to Settings> System Settings> Accessibility

General

- **Press Power button to end calls**

- **Accessibility menu**

Show frequently used functions in a large menu.

Accessibility Menu provides a large on-screen menu for phone control, so that you can easily and quickly find the UIs or features you want to access.

Turn Accessibility Menu on: Go to "Settings - System settings - Accessibility - General - Accessibility Menu", and turn the switch on.

To open the Accessibility Menu, tap the icon in the lower right corner.

Turn Accessibility Menu off: Go to "Settings - System settings - Accessibility - General - Accessibility Menu", and turn the switch off.

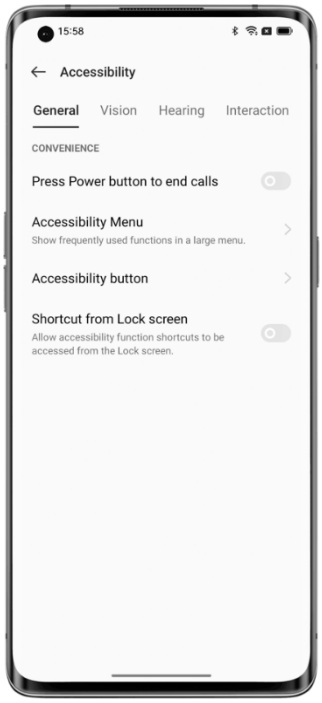
Note: You can tap and hold the icon in the lower right corner to switch between the Accessibility Menu and Select to Speak.

- **Accessibility button**

Quickly access accessibility features from any screen. To get started, go to accessibility settings and select a feature. Tap on the shortcut and select the accessibility button.

- **Shortcut from Lock screen**

Allow accessibility function shortcuts to be accessed form the Lock screen.



Vision

- **TalkBack**

TalkBack reads out what is on the screen, so that you can use the phone even if you can't see the screen.

Turn TalkBack on: Go to "Settings - System settings - Accessibility - Vision - TalkBack", and turn the switch on.

Set up TalkBack: Go to "Settings - System settings - Accessibility - Vision - TalkBack", and tap the Settings icon in the upper right corner to enter the settings page.

Adjust the settings such as the voice, other feedback, navigation, gestures, and shortcuts to suit your needs.

Use TalkBack

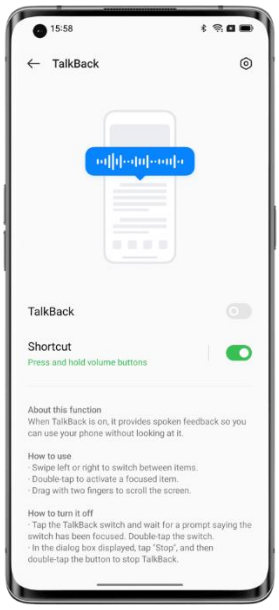
Do the following:

• Swipe right or left to switch between items.

• Double-tap an item to activate it.

• Swipe with two fingers to scroll.

To turn TalkBack off: Go to "Settings - System settings - Accessibility - Vision - TalkBack". Tap to select the switch and then double-tap the switch. Tap "Close" in the dialog box, and double-tap "Close".


15:58
TalkBack
TalkBack
Shortcut
Press and hold volume buttons
About this function
When TalkBack is on, it provides spoken feedback so you can use your phone without looking at it.
How to use
· Swipe left or right to switch between items.
· Double-tap to activate a focused item.
· Drag with two fingers to scroll the screen.
How to turn it off
· Tap the TalkBack switch and wait for a prompt saying the switch has been focused. Double-tap the switch.
· In the dialog box displayed, tap 'Stop', and then double-tap the button to stop TalkBack.

- **Select to speak**

Select to Speak lets you tap on specific content on the screen to hear it read out.

Turn Select to Speak on

Go to "Settings - System settings - Accessibility - Vision - Select to Speak", and turn the switch on.

To use Select to Speak, tap the icon in the lower right corner.

Set up Select to Speak

Go to "Settings - System settings - Accessibility - Vision - Select to Speak", and tap the Settings icon in the upper right corner to enter the Settings page.

Adjust the settings such as read in background and read image text to suit your needs.

Use Select to Speak

Do the following:

- Tap on a single text paragraph.
- Tap and drag to select multiple paragraphs.
- Tap the play button to hear all content on the screen.

Turn Select to Speak off

Go to "Settings - System settings - Accessibility - Vision - Select to Speak", and turn the switch off.

Note: You can tap and hold the icon in the lower right corner to switch between the Accessibility Menu and Select to Speak.

- **Text-to-speech settings**

To customize TTS output:

Go to "Settings - System settings - Accessibility - Vision - Text-to-speech settings".

Tap to the right of "Preferred engine" to download and install your preferred voice.

You can also change the language (Chinese or English), speech rate, and pitch based on your habits.

- **Magnification**

Quickly zoom in on the screen to display content more clearly.

- **Color correction**

Let you adjust how colors are displayed on your device

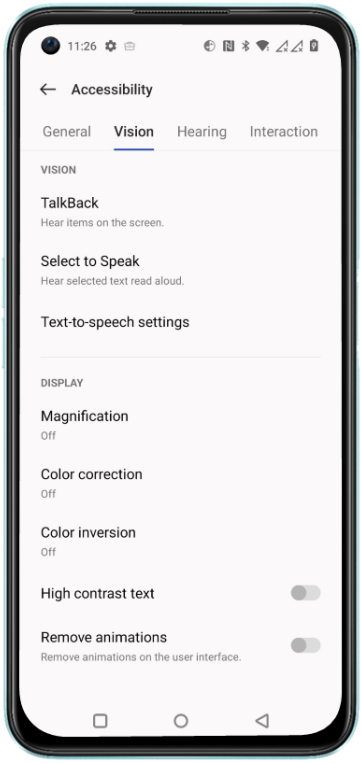
- **Color inversion**

Invert colors on your screen. For example, black text on a white screen becomes white text on a black screen.
Notes: Colors in images and videos will also be inverted. The difference between this function and dark mode is the dark mode darkens the background, while “Color inversion” simply inverts color.

- **High contrast text**

- **Remove animations**

Remove animations on the user interface



Hearing

- **Live Caption**

Detect speech on your device and automatically generates captions.

- **Caption preferences**

Set caption preferences for live capion.

- **Hearing aids**

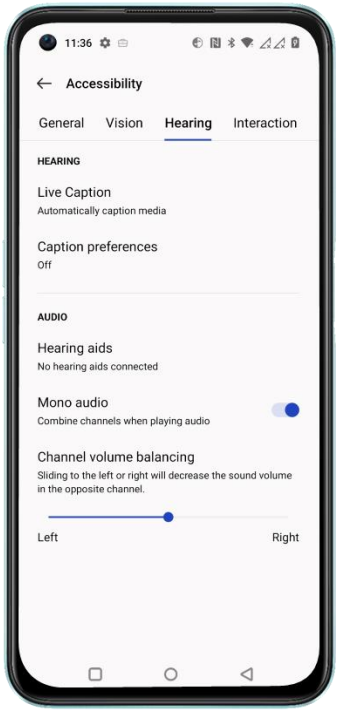
If you need to connect your hearing aid, you need to turn on Bluetooth first. After turning on Bluetooth, go to Settings > System Settings > Accessibility > Hearing > Click on "Hearing aids" to pair your hearing aid, please make sure your hearing aid is in pairing mode.

- **Mono audio**

Combine channels when playing audio

- **Channel volume balancing**

Sliding to the left or right will decrease the sound volume in the opposite channel.



Interaction

- **Touch & hold delay**

Short/medium/long

- **Time to take action**

Choose how long to show notices that ask you to take action before they go away. Such notices include notifications and other system messages. Not all apps support this setting.

- **Vibration & haptic**

Ring vibration, notification vibration, touch feedback.

- **Switch access**

Switch Access helps you control your phone and tablet if you have difficulty touching the screen or pressing the buttons. With Switch Access, you can use one or more switches to select content, scroll through pages, enter text, and more.

Turn Switch Access on

Go to "Settings - System settings - Accessibility - Interaction - Switch Access", and turn the switch on.

Set up Switch Access

Go to "Settings - System settings - Accessibility - Interaction - Switch Access", and tap the Settings icon in the upper right corner to enter the Settings page.

Adjust the settings such as custom switches, custom scanning, display & sound, and switch accommodation to suit your needs.

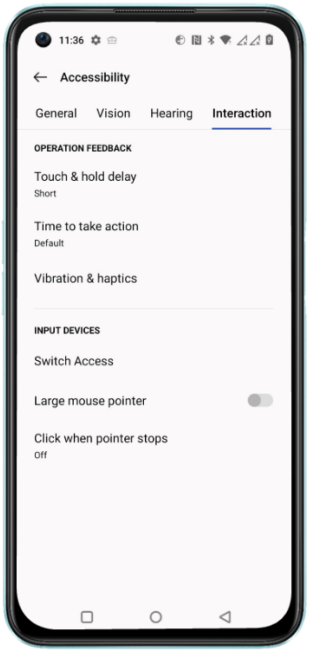
Turn Switch Access off

Go to "Settings - System settings - Accessibility - Interaction - Switch Access", and turn the switch off.

- **Large mouse pointer (on/off)**

- **Click when pointer stops**

When a mouse is connected, you can set the mouse cursor to click automatically when it stops moving for a certain amount of time.



Gestures & motions

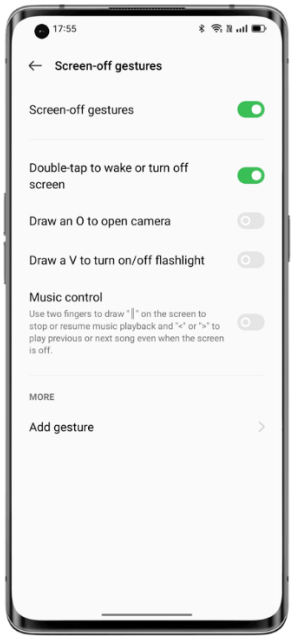
Allow to manage notifications. Requires the following permissions to allow you to use gestures to control phone calls: read contacts, make phone calls, and access storage data.

Path: Settings - System settings - Gestures & motions

Screen-off gestures

You can use screen-off gestures to control your phone while the screen is off. The system's screen-off gestures work even when the phone is locked, but custom screen-off gestures do not.

Path: Settings - System settings - Gestures & motions - Screen-off gestures.


17:55
Screen-off gestures
Screen-off gestures
Double-tap to wake or turn off screen
Draw an O to open camera
Draw a V to turn on/off flashlight
Music control
Use two fingers to draw "||" on the screen to stop or resume music playback and "<" or ">" to play previous or next song even when the screen is off.
MORE
Add gesture

Gesture options

Use the following screen-off gestures based on your needs.

- Double-tap to wake or turn off screen.
- Draw an O to open the camera.
- Draw a V to turn the flashlight on or off.
- Music control: When the screen is off, use two fingers to draw "||" on the screen to pause or resume music playback, or draw "<" or ">" to play the previous or next song.

Add a custom screen-off gesture

System supports custom screen-off gestures. Tap "Add gesture", select a gesture, and then select an action.

Swipe down with 3 fingers to take screenshot
Take screenshot with 3 fingers swipe down the screen

Touch and hold with 3 fingers to take screenshot
Take a partial or scrolling screenshot

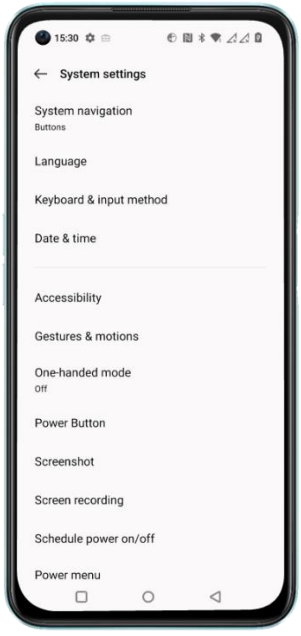
Raise to wake

Lift to ear to answer calls

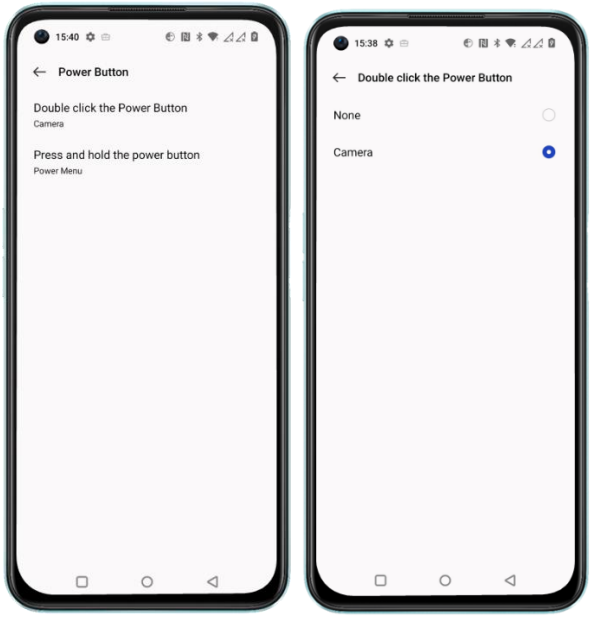
Auto switch to receiver
Automatically switch to the receiver when you lift your phone to your ear

Flip to mute incoming calls

One-handed mode
Path: Settings - System settings - One-handed mode
Swipe down from the button of the screen to enter One-handed mode. Swipe up or tap the area at the top of the screen to exit. This feature works only when navigation gestures are enabled.

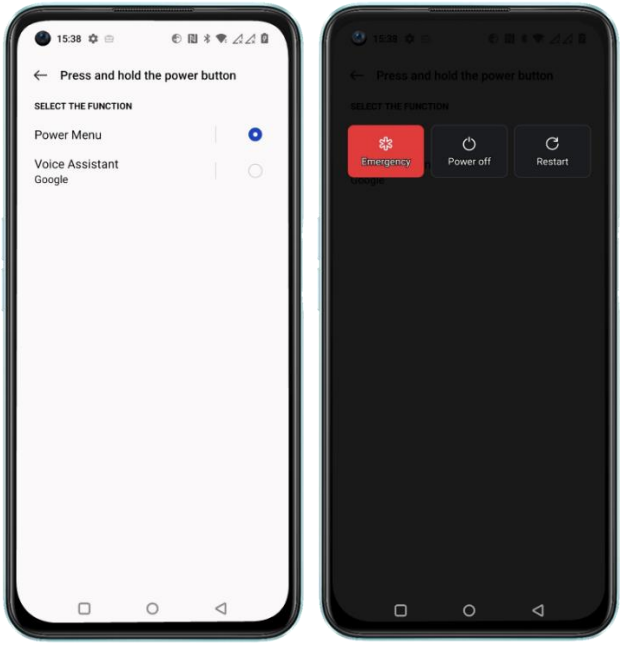


Power button
Double click the power button
Path: Settings - System settings - Power button
Set double click the power button to open the camera or none



Press and hold the power button

Set press and hold the power button to power menu to Emergency/Power off/Restart.



Set press and hold the power button to Voice assistant when the device is on, and it can also be changed to “power menu”.

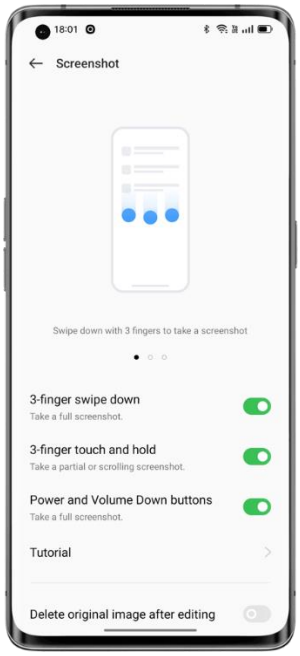
Screenshot

Path: Settings - System settings – Screenshot

3-finger swipe down

Go to "Settings - System settings - Screenshot", and turn on "3-finger swipe down". Then swipe down with three fingers on any screen to take a quick screenshot.

A preview floating window will be displayed on the left of the screen. To share the screenshot, swipe up on the floating window. To take a scrolling screenshot, drag the thumbnail down to cover the content you want to screenshot.



Tap the preview floating window to display the screenshot in full screen. You can crop, send, mark up, edit, or delete the screenshot and use it as a wallpaper or a contact's profile picture.

3-finger touch and hold

Turn on "3-finger touch and hold", and tap and hold with three fingers on the screen to take a partial or scrolling screenshot. There are five buttons in the bottom navigation bar:

- Cancel: Cancel the screenshot.
- Send: Send the screenshot.
- Edit: Edit the screenshot.
- Scroll: Take a scrolling screenshot.
- Save: Save the screenshot.

If you swipe down with three fingers out of the screen, the system will automatically capture a scrolling screenshot. During this process, you can manually scroll the screen to capture what you need.

How to take a scrolling screenshot?

Use the system's scrolling screenshot tool to take a scrolling screenshot.

Take a screenshot, drag the preview floating window down to cover the content you want to screenshot, and tap "Done" to save the screenshot as a scrolling screenshot.

How to edit a screenshot?

After you take a screenshot or scrolling screenshot, tap "Edit" to mark up, crop, rotate, or add filters or text, or make a mosaic out of the screenshot.

How to share a screenshot?
After you capture a screenshot, drag the preview floating window up to quickly share the screenshot with your friends via apps.

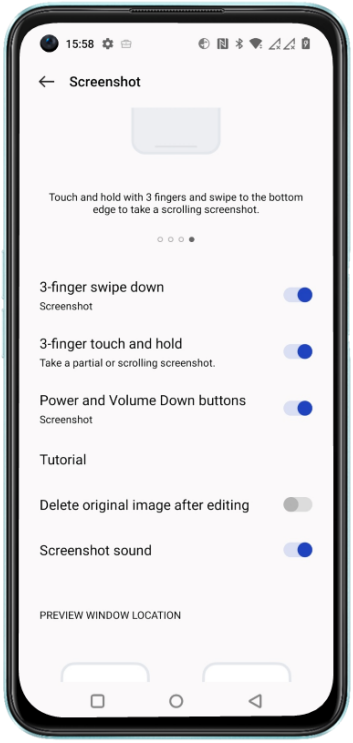
Power and volume down buttons
Press and hold the power button and volume down button to take a quick screenshot.

Tutorial

Delete original image after editing

Screenshot sound
Adjust to turn on screenshot sound or not

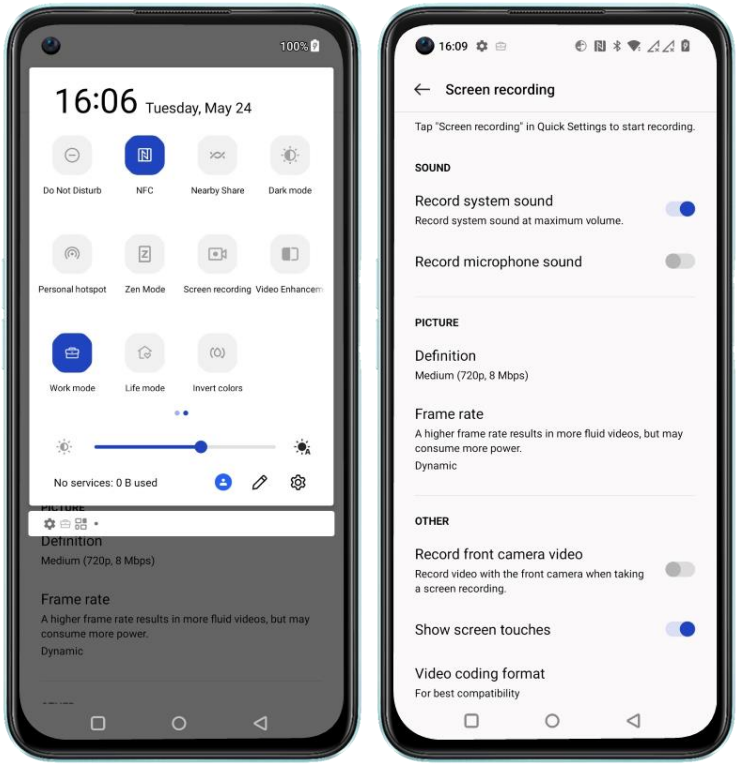
Preview window location
Adjust preview window location to left or right



Screen recording
Path: Settings - System settings – Screen recording
During screen recording, if you turn off the screen, make a phone call, or power off your phone, the current recording will end and be saved automatically.
With the screen recording feature, you can record screen activities and exciting game moments to share on social media. You can pause or resume a screen recording at any time.

Start screen recording from Quick Settings
1. Swipe down from the top of the screen to open Quick Settings.

2. Tap "Screen recording" and then tap the red button to start recording.



Record system sound
Record system sound at maximum volume.

Record microphone sound
Set to record microphone sound if you want

Definition
Before recording, change the screen recording resolution as needed.
The higher the resolution, the clearer the image and the larger the file size. A lower resolution results in a lower image quality, but the video file will take up less storage space and a longer period of time can be recorded. It will be easier to post-process.

Three resolution options are available:
- High (1080p at 16 Mbps)
- Medium (720p at 8 Mbps)
- Low (480p at 4 Mbps)

You can also customize the screen recording resolution and bitrate based on your needs.
Path: Settings - System settings - Screen recording - Definition.
* The highest resolution may vary between phones.

Frame rate
A higher frame rate results in more fluid videos, but may consume more power. Options are available: Dynamic, 30 fps, 24 fps, 15fps.

Record front camera video

If you want to capture a video using the front camera while screen recording, go to the screen recording settings and turn on "Front camera recording".

Path: Settings - System settings - Screen recording - Record front camera video.

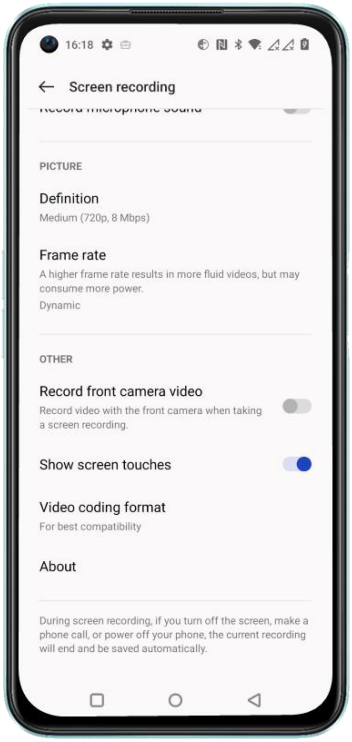
Record screen touches

To record your actions on the screen, go to the screen recording settings and turn on "Show screen touches".

Path: Settings - System settings - Screen recording - Show screen touches.

Video coding format

Video coding format support H.265 for smaller video sizes and H.264 for best compatibility.


16:18
Screen recording
PICTURE
Definition
Medium (720p, 8 Mbps)
Frame rate
A higher frame rate results in more fluid videos, but may consume more power.
Dynamic
OTHER
Record front camera video
Record video with the front camera when taking a screen recording.
Show screen touches
Video coding format
For best compatibility
About
During screen recording, if you turn off the screen, make a phone call, or power off your phone, the current recording will end and be saved automatically.

Schedule power on/off

For the convenience of users, the time switch on/off function is built in. You can go to Settings > System settings > Schedule power on/off to set this function.

Power menu

Path: Settings - System settings - Power menu

Show smart devices

Control linked smart devices from one place.

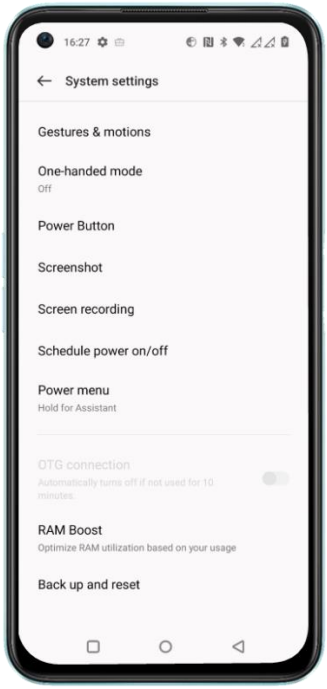
Show sensitive content when locked

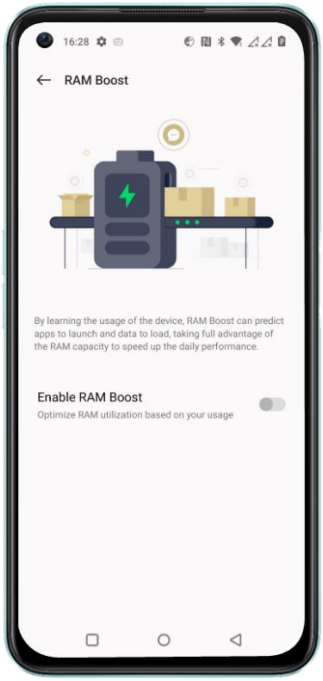
When the device is locked, you can choose to show sensitive content or not.

OTG connection

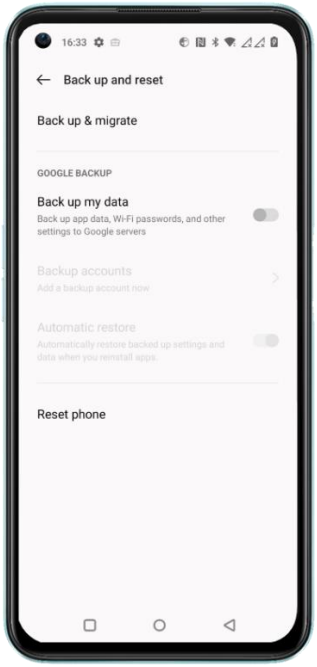
Path: Settings - System settings - OTG connection
Transfer data via OTG. Automatically turns off after 10 minutes of inactivity.

RAM Boost
Path: Settings - System settings - RAM Boost
Optimize RAM utilization based on your usage. By learning the usage of the device, RAM boost can predict apps to launch and data to load, taking full advantage of the RAM capacity to speed up the daily performance.




16:28
RAM Boost
By learning the usage of the device, RAM Boost can predict apps to launch and data to load, taking full advantage of the RAM capacity to speed up the daily performance.
Enable RAM Boost
Optimize RAM utilization based on your usage

Back up and reset
Path: Settings - System settings - Back up and reset


16:33
Back up and reset
Back up & migrate
GOOGLE BACKUP
Back up my data
Back up app data, Wi-Fi passwords, and other settings to Google servers
Backup accounts
Add a backup account now
Automatic restore
Automatically restore backed up settings and data when you reinstall apps.
Reset phone

Back up & migrate

Local backup

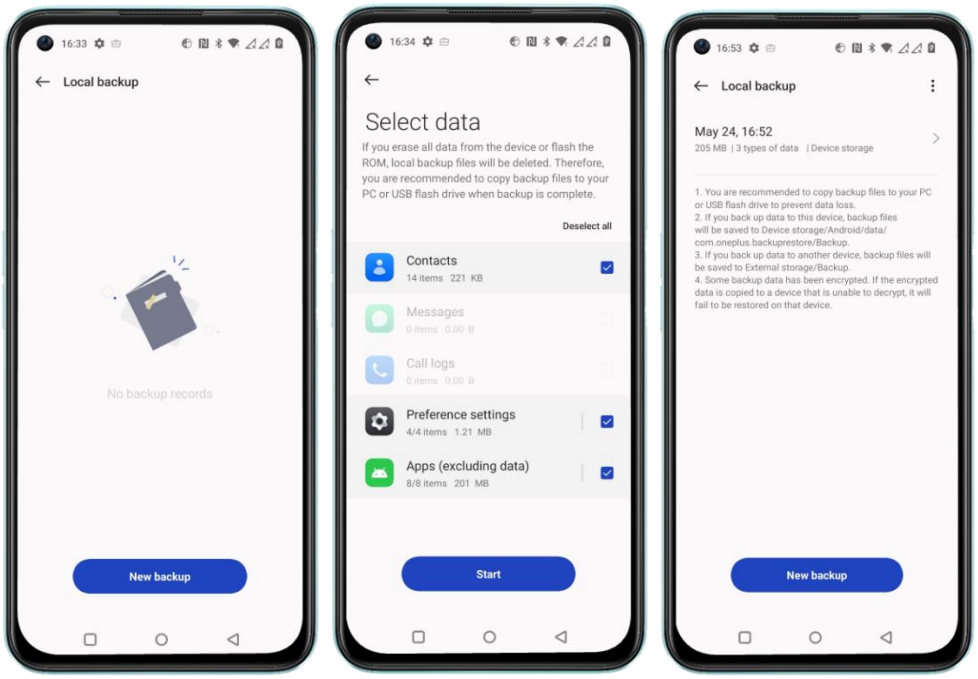
Back up data to or restore data from a local storage.

Go to "Settings - System settings - Back up & migrate - Local backup", and create a new backup to select the data you want to back up including:

1. Contacts
2. Messages
3. Call logs
4. System data
5. Apps (excluding app data)

Tap "Start". The data that you select will be backed up in your phone storage (path: storage/Backup). The process will take some time. During the process, do not restart or turn your phone off to prevent data loss.

Note: All local backup data will be cleared if you wipe data and cache the partition, erase all data, or restore your phone to its factory settings. You are advised to back up files and data on an external storage device or PC in advance.


16:33
Local backup
No backup records
New backup
16:34
Select data
If you erase all data from the device or flash the ROM, local backup files will be deleted. Therefore, you are recommended to copy backup files to your PC or USB flash drive when backup is complete.
Deselect all
Contacts
14 items 221 KB
Messages
Call logs
Preference settings
4/4 items 1.21 MB
Apps (excluding data)
8/8 items 201 MB
Start
16:53
Local backup
May 24, 16:52
205 MB | 3 types of data | Device storage
1. You are recommended to copy backup files to your PC or USB flash drive to prevent data loss.
2. If you back up data to this device, backup files will be saved to Device storage/Android/data/com.oneplus.backuprestore/Backup.
3. If you back up data to another device, backup files will be saved to External storage/Backup.
4. Some backup data has been encrypted. If the encrypted data is copied to a device that is unable to decrypt, it will fail to be restored on that device.
New backup

Backup on a PC

Connect your phone to a PC with a data cable. Tap "Transfer files" on the phone. On the PC, open "Internal shared storage" and copy the "Backup" folder to the PC.

Google Backup

Back up my data

Back up app data, Wi-Fi passwords, and other settings to Google servers.

Backup accounts

Add a backup account to backup

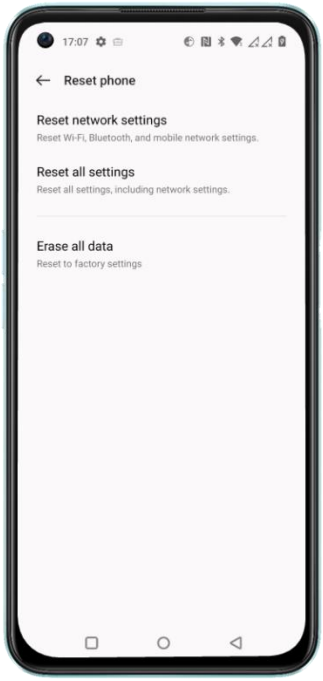
Automatic restore
Automatically restore backed up settings and data when you reinstall apps from google server

Reset phone
You can reset your phone to factory settings. Before doing so, please back up your data.
Go to "Settings - System settings - Reset phone".

You can select from the following options to reset your phone:
Reset network settings
Path: Settings - System settings - Back up and reset- Reset phone - Reset network settings
Only Wi-Fi, Bluetooth, and mobile network settings will be reset. Your data, including photos, music and other personal files, will be retained.

Reset all settings
Path: Settings - System settings - Back up and reset- Reset phone - Reset all settings
All settings, including network settings will be reset. This will reset all settings to their defaults. Your data, including photos, music and other personal files, will be retained.

Erase all data
Path: Settings - System settings - Back up and reset- Reset phone - Erase all data
Reset to factory settings. This will erase all data, and cannot be undone.



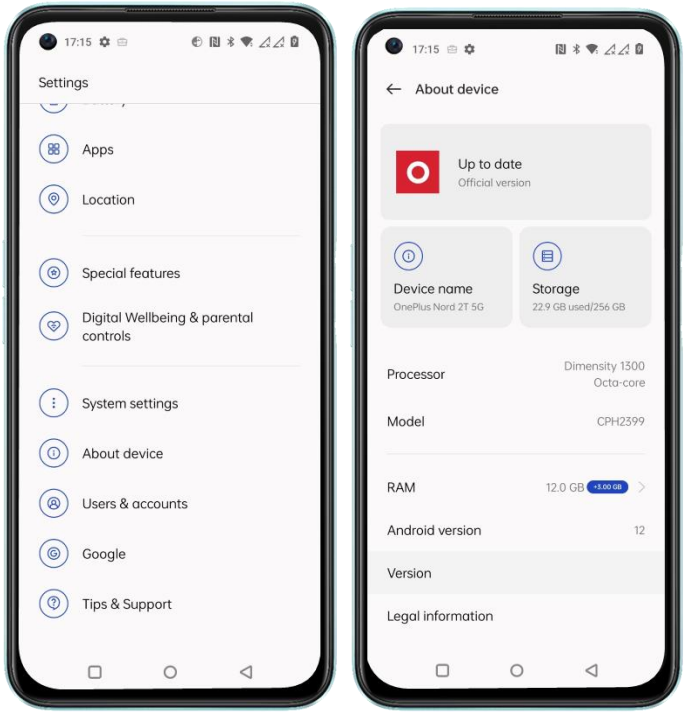
Restore data
Restore from local storage
- Go to "Settings - System settings - Back up & migrate - Local backup".
- Select a backup and select the data you need to restore, then tap "Start".

Restore from google backup

- Go to "Settings - System settings - Back up & migrate - google backup".
- Turn on "Automatic restore".

About Device

Path: Settings - About device
View basic phone information, system version, and more.



Up to date
Tap "up to date" to update official version once available. OTA update in another way.

Device name
Show your device name and tap to edit the device name you want. Your device name will be displayed when using Bluetooth and Wi-Fi direct.

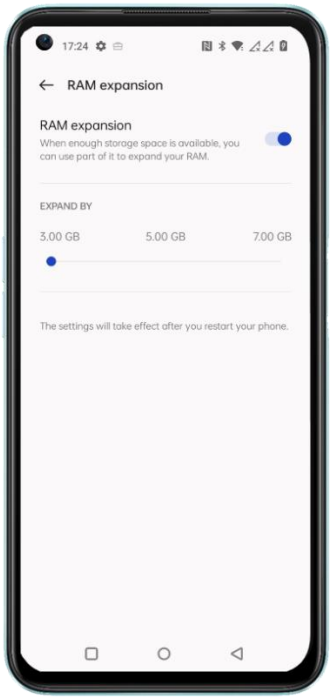
Storage
Show device total storage and used storage. Tap to view detail storage.

Processor
Show processor of the device

Model
Show Model name of the device

RAM

Show RAM of the device. When enough storage space is available, you can use part of it to expand your RAM. The settings will take effect after you restart your phone.


17:24
RAM expansion
RAM expansion
When enough storage space is available, you can use part of it to expand your RAM.
EXPAND BY
3.00 GB
5.00 GB
7.00 GB
The settings will take effect after you restart your phone.

Android version

Show Android version and Android security update info.

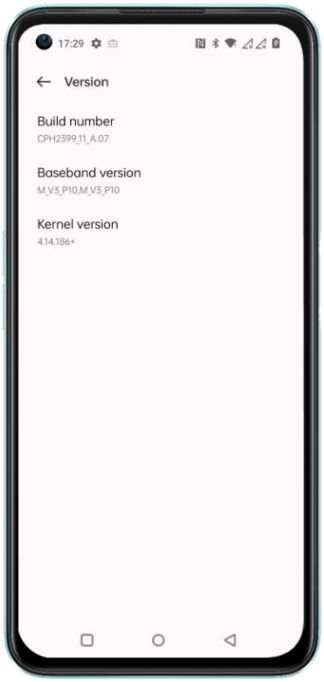
Version

Path: Settings - About device -Version

Show version of Build number, Baseband version, Kernel version.

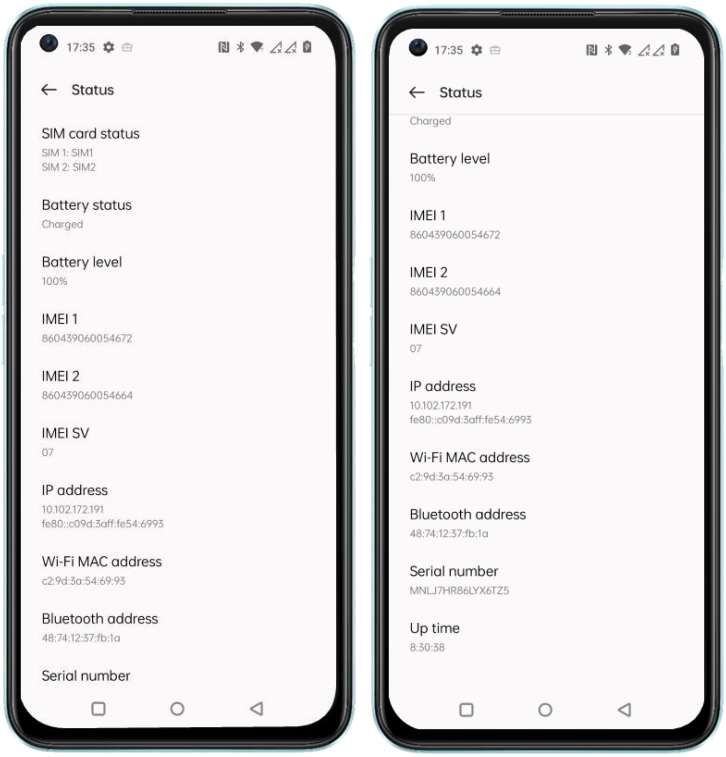
Build number is the info we want customer to provide once device version required.

Path: Settings - About device - Version - Build number



Legal information
Tap to view user agreement, privacy notice, open source licenses, google legal, google play system update licenses, Health & Safety information

Status
Path: Settings - About device -Status
Tap to view SIM card status, Battery status, Battery level, IMEI 1, IMEI 2, IP address, Wi-Fi MAC address, Bluetooth address, Serial number, Up time.



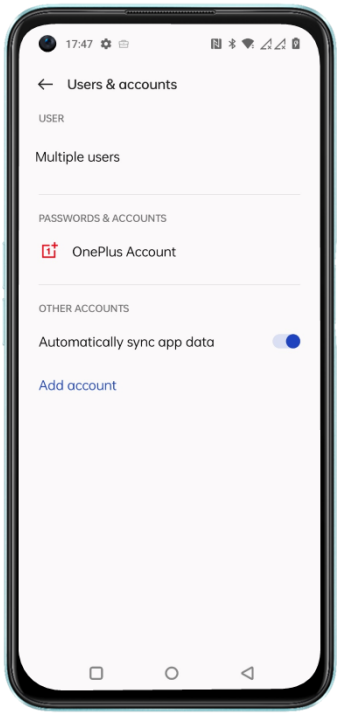
Award
Tap to view OxygenOS Contributors.

Regulatory
Tap to view regulatory details.

Users & accounts

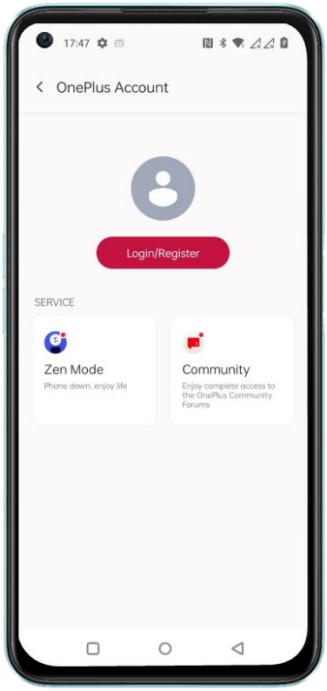
Multiple users
Got your personal information mixed up on a shared device? Need an easier way to separate your work and personal life? Want to maintain your privacy when lending out your phone? Multiple users mode allows you to create multiple accounts. Each account has an independent password, and data from different accounts is kept separate to maintain everyone's privacy.
1. Go to "Settings - Users & accounts - Multiple users".
2. Tap "+" in the upper right corner and tap "Add" to set up a private space. Install apps and set wallpapers which are unique for the space.

3. Tap "Owner" or "Guest" to quickly switch to the corresponding space.



OnePlus account

Login your OnePlus account to use Zen mode and Community



Add account

Add account for other third-apps.

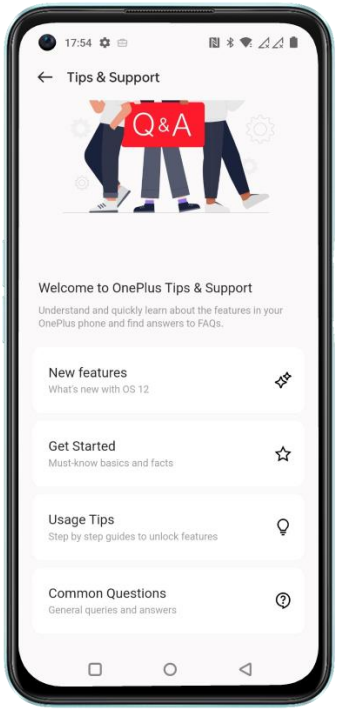
Google

Sign in to your google account

Services on this devices
Ads, autofill, backup, devices & sharing, find my device, mobile data & messaging, parental controls, personalize using shared data, set up & restore, settings for google apps.

Tips & Support

Tips and Support provides tips and FAQ on device usage.


17:54
Tips & Support
Q&A
Welcome to OnePlus Tips & Support
Understand and quickly learn about the features in your OnePlus phone and find answers to FAQs.
New features
What's new with OS 12
Get Started
Must-know basics and facts
Usage Tips
Step by step guides to unlock features
Common Questions
General queries and answers